

# Strong Sustainability by Design

**PRIORITIZING ECOSYSTEM AND HUMAN FLOURISHING  
WITH TECHNOLOGY-BASED SOLUTIONS**

**COMMUNITY BIOGRAPHIES**



An initiative supported by the IEEE Standards Association

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## Planet Positive 2030 Community Member Biographies

### Community Members Summary:

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[Dr. Arsalan Abtahi](#), Inclusive Sustainable Smart Cities (ISSCs) expert and entrepreneur

[Greg Adamson](#), Honorary Principal Fellow with the School of Population and Global Health at the University of Melbourne, and a Fellow in the Australasian Institute of Digital Health

[Nkechi Madonna Agwu](#), Ph.D., Professor of Mathematics, Borough of Manhattan Community College, City University of New York and Executive Secretary, CHI STEM TOYS Foundation

[Sneider Alfonso](#), Operations Lead for the [People-Centered Internet](#), Young Challenger at the Young Challenger Program by [The Grameen Creative Lab](#)

[Uthman Ali](#), Digital Ethics Lead, bp

[Franco Amalfi](#), Director, Sustainability Strategic Initiatives and Partners, North America, Capgemini

[Fyodor Amanov](#), author of quantum physics children's books, poet, English tutor and software engineer.

[Adithya Anil Variath](#), Coordinator of the Centre for Research in Air and Space Law & Ph.D. Candidate at Maharashtra National Law University Mumbai, India

[Christina Andersson](#), member of the steering group of the Finnish National Artificial Intelligence 4.0 program and chair of the Green Transition Group of the program

[Brandy Armstrong](#), Ph.D. candidate, University of Southern Mississippi. Senior Member, IEEE

[George Assalley](#), Environmental Scientist at A3E Environmental, Environmental Studies graduate at Illinois Wesleyan University, Previous Research Assistant at Illinois Wesleyan University

[Christine Balagué](#), professor of Management at Institut Mines-Télécom Business School (IMT-BS), and founder & leader of the "Good in Tech" research network ([www.goodintech.org](http://www.goodintech.org))

[Jorge G. Barbosa](#), UN Sustainable Development Advisor, a Blue Economy Specialist, specialties include Marine Pollution, Marine Spatial Planning, Fisheries and Aquaculture Policy, ESG & Sustainability Frameworks, Blue Carbon and Climate Resilience

[Kathy Baxter](#), Principal Architect of Responsible AI & Technology at Salesforce



[Dr. Anahiby Becerril](#), Specialist in Governance, Human Rights and Culture of Peace (Universidad Castilla-La Mancha, Spain); Specialist in the General Data Protection Regulation, by the UNED, Spain.

[Peace Bello](#), an award winning Chemical engineering graduate of Obafemi Awolowo University, Ile-Ife, Nigeria; Co-founder Chemotronix Limited

[Sara E. Bennett](#), American conservation biologist [Ph.D., Dartmouth, 1979], co-founder and former director of Fundación Maikuchiga, a Colombian NGO which provides care and rehabilitation for Amazonian animals.

[Dr. DidemGurdur Broo](#), Marie Skłodowska-Curie Fellow on Human-centered and Sustainable Cyber-physical Systems at Stanford University.

Dr [Stéphanie Camaréna](#), Design for Sustainability, Design Innovation. Founder, Source Transitions. Engaging with AI for sustainability impact. Co-design of sustainability transitions with emerging technologies.

[Felipe Castro Quiles](#), Co-founder and CEO of Emerging Rule, GENIA Latinoamérica and HUBVERY

Harel Chait is pursuing his Ph.D. in Information Systems at Bar-Ilan University in Israel, focusing on corporate social responsibility and accessibility implementation for people with disabilities.

[Dr. Chandra Vadhana R](#) Fulbright PostDoctoral Fellow at Gendered Innovations Lab, Stanford University. Social Entrepreneur (India) and UNCTAD Consultant.

[Chandramauli Chaudhuri](#), Director of Data Science at Fractal.

[Gokce Cobansoy Hizel](#), Human Rights and New Technologies' Law Coordinator, PhD Student.

[Cyndi Coon](#) Applied Futures Lab, Threatcasting Lab, People Centered Internet Board of Directors (Rural Los Ojos, New Mexico, US)

[Flavio S. Correa da Silva](#), B.Eng. Industrial Engineering (University of São Paulo - USP, Brazil, 1984), PhD Artificial Intelligence (University of Edinburgh, UK, 1992). Full time faculty member at USP (Dept. of Computer Science).

[Caitlin C. Corrigan](#), Executive Director, [Institute for Ethics in Artificial Intelligence](#) (IEAI) at the Technical University of Munich. Munich, Germany

[Sarah Crooks](#), Circular Economy & Design, Business Development Lead at [INDEED Innovation](#)

[David Dao](#), Leads [Climate + AI initiative](#) at [DS3Lab](#), directs [Kara research project](#) with Stanford and UC Berkeley. Founder of [GainForest](#), [non-profit grantee of Microsoft's AI for Earth program](#)

[Subhajit Das \(Khush\)](#), renowned dancer, teacher and choreographer of Bharatanatyam, an ancient classical Indian dance form.

[Elliot David](#), Head of Climate Strategy at [Sustainable Bitcoin Protocol](#). Director, [Young African Business Booster](#). Advisor, [Carbonbase](#).

[Marije K. De Roos](#), The Circular Fashion Detective, Founder of Positive Fibers.

[Amy Deeb](#), PhD, Field Services Engineer, Applied Technology Group, Lloyd's Register.

[Susan R. Dickey](#), Software Engineer at Google (Retired).

[Karen Elliott](#), PhD, Associate Professor in Enterprise and Innovation (FinTech), Newcastle University Business School, Newcastle, UK.

[Gabor Erdelyi](#), PhD, internationally recognized AI researcher with a background in Mathematics and Computer Science.

[Olivia J. Erdelyi](#), PhD, internationally recognized AI ethics and policy expert and consultant with a multidisciplinary background in computer science, economics, law, and political science.

[John Favaro](#), software technology consultant, Department Editor of IEEE Software Magazine.

[Jeff Felice](#), President, CertNexus.

[Dr. Robert S. Fish](#), Department of Computer Science of Princeton University. President of NETovations. Fellow of the IEEE. Past-President of the IEEE Standards Association. Chair, IEEE Board of Directors Industry Engagement Committee.

[Laura Friedrich](#), Principals, Friedrich & Friedrich.

[Mei Lin Fung](#), People Centered Internet which she co-founded with Vint Cerf.

[Jean García Periche](#), Co-Founder and Chief Government Officer of GENIA Latinoamérica.

[Rob Gierke](#), Founder and CEO of [Purenessity](#).

[Dr. Alexei Gudkov](#), Researcher and Counsel with a wide range of experience in the fields: Tech Law; Artificial Intelligence; Ethics; Blockchain; Personal data, M&A, Corporate Governance.

[Deborah R. Hagar](#), Co-Chair of the Metrics/Indicators Committee on Planet Positive 2030 and IEEE P7010.1 Working Group Chair.

[Armin Hamrah](#), High School Senior at Sacred Heart Preparatory, Aspiring Entrepreneur, Sustainability Advocate.

[Ronald Hasenberger](#), Principal Consultant, Bell Labs Consulting

[Theresa Harris](#), Program Director at the American Association for the Advancement of Science (AAAS).

[John C. Havens](#), Global Director, IEEE Planet Positive 2030.

[Andy Heppelle](#), Accelerated Solutions Environment (ASE) Leader for Sustainability Acceleration Services (SAS) at Capgemini in the Americas.



[Hironobu Murata](#), Tea instructor, Innovation consultant, Arts project manager, Japan.

[Guy Hochstetler](#), Co-chair Rivers & Lakes committee, Friends of the Reedy River Board Member and co-chair Technical Committee, Certified Volunteer SC Adopt-a-stream Freshwater Monitor, Informal Researcher/Writer on sustainability, social economics, and the impact of tech on society, aiming for common sense realism among the hype noise, Retired IBM Technical Sales and Solutions Architect.

[Cyrus Hodes](#), co-founder of the World Climate Tech Summit (Q1 2023, Miami) and of [Duckweed Bio](#), an Agtech/climate tech startup.

[Tomasz Hollanek](#), Research Fellow, Leverhulme Centre for the Future of Intelligence; Affiliated Lecturer, Department of Computer Science and Technology, University of Cambridge.

[Usha Jagannathan](#), Principal Engineer at McKinsey & Company, focusing on rapid prototyping, architecting, and solutions to drive accelerated innovation.

[Kasia Jakimowicz](#), Global Digital Innovation Executive, Public Speaker and Investor dedicated to making a change in the world via technology.

[Samantha-Kaye Johnston](#), Research Associate at Oxford University and Affiliate at Berkman Klein Centre for Internet and Society (Harvard University).

[Emma Kallina](#), Stakeholder Involvement for Responsible AI Development in Practice, PhD Student, University of Cambridge, UK.

[Angshuman Kaushik](#), Artificial Intelligence (AI) Law, Policy, Governance and Ethics Researcher.

[Julia Keeping](#), studying Marine Technology at the Marine Institute in St. John's Newfoundland & Labrador, Canada and working as a researcher for the Marine Institute's CFER (Center for Fisheries Ecosystems Research) division.

[Enock Kiminta](#), CEO of Kenya National Water Resources Association, Water Resources Management Specialist, Policy Research and M&E Expert.

[Stanislav Kirdey](#), Applied AI Scientist at Netflix and also co-founder and CEO of Vortle.

[Johannes Leon Kirnberger](#), Policy Advisor, AI & Sustainability at [OECD](#) in Paris

[Colleen Kirtland](#), Leader, speaker, and writer on topics of Organizational Agility and Complex adaptive systems.

[Günter R. Koch](#), Prof. Dr.hc., Dipl. Inform. (Adj.Prof. TU Graz), President of the Humboldt Cosmos Multiversity, co-chair of Planet Positive Arts Committee.

[Kashyap Kompella](#), CEO, RPA2AI Research.

[Jonathan Kurniawan](#), AI Governance professional at Prodago, helping companies towards responsible AI development.

[Luis Lamb](#), PhD. Artificial Intelligence Expert; works on strategy, ESG, and Innovation Ecosystems development. AI, technology, innovation, and academic manager and consultant. MIT Sloan Fellows MBA 2023. Full Professor, Federal University of Rio Grande do Sul, Brazil. Former Secretary of Innovation, Science and Technology, State of Rio Grande do Sul, Brazil (2019-2022). Former Vice President of Research (2016-2018) and Dean of the Institute of Informatics (2011-2016), Federal University of Rio Grande do Sul, Brazil.

[Ruth Lewis](#), Chair of the IEEE Society on Social Implications of Technology (SSIT) Standards Committee, Member of Board of Governors SSIT, academically qualified futurist, strategic consultant and professional engineer based in Melbourne, Australia.

[Ran Liu](#), Founder of Ontopology, Co-Founder of CellX, Co-Founder of Cellular Agriculture Alliance

[Prof. Dr. Marlon Patrick Lofredo](#), Professor and Member of the Board of Governors of the American University of Sovereign Nations.

[Maike Luiken](#), PhD, SMIEEE, IEEE-HKN, FEIC, is Chair of Planet Positive 2030, and 2022 IEEE Past Vice President - Member & Geographic Activities. Former President of IEEE Canada in 2018 - 2019.

[Björn Lütjens](#), PhD. Candidate, Massachusetts Institute of Technology, physics-informed machine learning for fast climate models.

[Eleni Mangina](#), Professor at the School of Computer Science, University College Dublin in Ireland and the Vice Principal (International) for College of Science.

[Monika Manolova](#), PhD geographic information systems (GIS) from Sofia University, Digital Ecosystems Expert for the Digital National Alliance in Bulgaria and member of the DIH AgroHub BG with a focus on inclusion, equality, and smart growth for communities.

[Luke Martiros](#), Luke interviews people on his podcast [Why It Matters](#), and connects them on an app releasing in September 2022..

[Mike McMeekin](#), President/Executive Director, Engineering Change Lab-USA.

[Christina Merl](#), PhD, Founder of TalkShop/2CG® and President of [Poetry in Business](#)

[Ashley McNeil](#), Graduate from Spelman College with a degree in Economics and from American University with a Master's in Public Policy.

[Laura Meyer](#), Law student specializing in international law of the sea.

[Chuck Metz, Jr.](#), Writer and researcher.

[Jose Meza](#), Master's in Informational Technology with research focusing on AI Ethics Frameworks, teaches Introduction to AI at University of Technology, Sydney, Australia.

[Khaled Mokhtar](#), Emerging Technologies & Innovation Manager. IEEE Senior Member. Egypt

[Monique Jeanne Morrow](#), President and Co-Founder, The Humanized Internet

[Dr. Manijeh Motaghy](#), Global Methodologies, Workforce Sustainability Opportunities, Organizational Psychologist, Corporate Retreats, UCLA Mindfulness Instructor, MLO, Mindful Life Optimization Modality, NYU Inner-MBA Conscious Leadership, Speaker and Author of “It’s Not Easy to Be Human.”

[Abhijit Mukherjee](#), PhD (Hydrogeology), globally known for his research in physical, chemical and isotope hydrogeology and for his studies on geological and human-sourced groundwater pollution, presently serves in the Council of the Geological Society of America.

[Joel Myers](#), Chair of Smart Cities at IEEE IoT and Co-founder of DOMILA (Ireland).

[Rajesh Nair](#), on the permanent staff of the Italian national Centro di Taratura e Metrologia Oceanografica, the oceanographic calibration and metrology facility of the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (National Institute of Oceanography and Applied Geophysics), which he helped set up in 2002.

[Dr. Anand “Sunny” Narayanan](#), Research Professor at Florida A&M University.

[Dakota Norris](#), member of the Gwich’in Nation, current Master of Environment and Sustainability student, and Coordinator, Northern and Indigenous Sustainable Energy Initiatives at the University of Saskatchewan.

[Shannon Mullen O’Keefe](#), Chief Curator, The Museum of Ideas

[Sanjana Paul](#), researcher at MIT’s Senseable City Lab and co-founder of The Earth Hacks Foundation (Earth Hacks), an environmental hackathon organization.

[Krista Petäjäjärvi](#), performance artist, developer and expert in creative cross-innovations at Northern Dimension Partnership on Culture NDPC, Ph.D. Candidate at Lapland University Faculty of Arts and Design, Finland.

[Cynthia Picolo](#), Director, Laboratory of Public Policy and Internet (LAPIN).

[Edson Prestes](#), Full Professor at Institute of Informatics of the Federal University of Rio Grande do Sul, Brazil.

[Anja Puntari](#), partner and Senior Business Coach at SCOA (The School of Coaching), advisor for two mandates for the European Commission in Horizon 2020 Framework Program for Research and Innovation in SMEs, a founding member of GRASP Network, and co-Chair of the Planet Positive Arts Committee.

[Mehdi Rahmati](#), Assistant Professor of Electrical and Computer Engineering at Cleveland State University, USA and director of the Intelligent Communications and Autonomous Systems Laboratory.

[Susanna Raj](#), Founder of AI4Nomads, PBC <https://www.linkedin.com/in/susanna-raj/>

[Lisa Revelli](#), Product Designer, User Researcher, User Experience & User Interface Designer, Duke Energy. Develops MIRST (Mixed & Immersive Reality Simulation) products.



[Emma Ruttkamp-Bloem](#), head of the Department of Philosophy at the University of Pretoria and chair of the UNESCO World Commission on the Ethics of Science and Technology.

[Navroop Sahdev](#), Founder and CEO of [The Digital Economist](#) and Connection Science Fellow at MIT.

[Fadi Salem](#), Director of Policy Research, MBR School of Government (MBRSG) | Board Member, The Digital Government Society ([DGS](#)) | SDG 16 Global Council member (WGS) | Editor-in-Chief, [Dubai Policy Review](#) | AI Ethics Advisory Board Member, Dubai Digital.

[Jim Salsman](#), volunteer [cooperative climate agreement model proposals](#) editor.

[Jourdan Saunders](#), CEO & Founder of [The Resource Key](#).

[Roy Saurabh](#), researcher in AI, education policy and data governance, currently the Digital transformation lead at UNESCO and a Human-Computer Interaction researcher at UdP.

[Hermine Schuring](#), physical therapist with specialties in shiatsu and cranial sacral therapy, certified Chan Mi Qi Gong teacher, and author of *A Life in Service*, stories & teachings from Mala Spotted Eagle.

[Ananya Sen Gupta](#), Associate Professor at the University of Iowa, co-chair of the Technical Committee for Data Analytics, Integration and Modeling for IEEE Ocean Engineering Society.

[Tapan Shah](#), Ph.D, Senior Scientist, General Electric Research

[Paul Shrivastava](#), currently on leave from position as Chief Sustainability Office, Pennsylvania State University, and director of the [Sustainability Institute](#) and Professor of Management and Organizations at the Smeal College of Business.

[Max Song](#), Climate Tech Entrepreneur, (CEO of Carbonbase, Cofounder of Sustainable Bitcoin Protocol, Project Ark, ImpactNFT Alliance), Digital Climate Policy Researcher, Board Member of PingAnOneConnect Bank, Hong Kong

[Roger Spitz](#), San Francisco-based, President of Techistential (Global Foresight Strategy) and Chairman of the Disruptive Futures Institute.

[Vladimir Stankovic](#), University of Strathclyde, Glasgow.

[Frank Stein](#), Virginia Tech, Intelligent Systems Faculty

[Melodena Stephens](#), Professor of Innovation & Technology Governance, Mohammed Bin Rashid School of Government, Dubai, United Arab Emirates.

[Matthew Studley](#), Bristol Robotics Laboratory.

[Keisha Taylor-Wesselink](#), Web scientist, interdisciplinary/intercultural researcher, and entrepreneur.

[George A. Tilesch](#), President, PHI Institute for Augmented Intelligence.

[Lucy \(JieQiong\) Tong](#), Researcher at the Tsinghua University Institute for Climate Change and Sustainable Development (ICCSA).

[Nidhi Varshney](#), senior scientist at National Institute of Ocean Technology, Chennai, India.

[Ernesto Vega Janica](#), Senior Manager of Opportunities Development for the IEEE Standards Association. He leads the product development of all related products, such as handbooks, educational programs and mobile apps.

[József Veress](#), currently at Corvinus University Budapest and a visiting scholar in various universities, researching the climate crisis and regenerative socio-economic patterns.

[Yonah Welker](#), explorer, public evaluator and board member in the fields of social AI, robotics, algorithms and policies.

[Christopher Whitt](#), project engineer and project manager at JASCO Applied Sciences in Halifax, NS, Canada, President of IEEE Oceanic Engineering Society.

[Amelia Winger-Bearskin](#), Banks Preeminence Chair of AI and the Arts, Digital Worlds Institute, University of Florida. Director of the UF AI Climate Justice Lab and AI and Human Thriving lab: innovating solutions for housing using AI.

[Marisa Zalabak](#), Founder of Open Channel Culture.

[James Zhu](#), Ph. D. candidate, Carnegie Mellon, control and analysis of legged robot walking.

[Laszlo Zsolnai](#), Professor and Director of the Business Ethics Center, Corvinus University of Budapest, Hungary, Associate Member of the Las Casas Institute, Blackfriars Hall, University of Oxford, UK and President of the European SPES Institute, Leuven, Belgium.

[Chiara Marradi](#), User Researcher, User Experience & Strategic Designer with expertise in scaling bottom-up initiatives and food systems, Design Consultant at IBM, Sustainability Ambassador & Workshop Facilitator, Member of the Political Party 'Ecolo', Performance artist, Brussels, Belgium.



### Dr. Arsalan Abtahi

Dr. Arsalan Abtahi is a medical professional who holds a deep concern for the current state of our urban environments and the addiction-driven economy that pervades modern society. He posits that these factors are the root causes of various physical, mental, emotional, spiritual, and societal disorders that plague our collective wellbeing. In his view, the only way forward is to shift our focus from traditional quantity-oriented economic progress metrics like GDP towards quality-oriented metrics and sustainability assessment tools that account for the social, environmental, governance, and economic dimensions of human society.

As a community builder and the founder of ISSC Global Taskforce, Dr. Abtahi is committed to collaborating with global thought leaders and redirecting human value systems from Egocentric values to Ecocentric values. He is establishing a global incubator that will enable the creation of Inclusive Sustainable Smart Cities - a post-SDG era where cities are programmable multicultural total integrated ecosystems, promoting community type societies, social inclusion, environmental sustainability, intelligent and participatory governance, and inclusive economic development.

His approach involves leading a research and development operation aimed at finding correlations between socioeconomic, geopolitical, public health, and climate crises. Dr. Abtahi aims to synthesize key outcomes from multiple data collection and research activities to provide evidence-based policy recommendations for designing human-centric Smart Cities and setting a new global standard for urban design and development. This work is of the utmost importance during times of environmental and societal transformations and crises as it aims to improve and support planetary health and sustainability.

Dr. Abtahi believes that with the progressive implementation of ISSCs, we can fundamentally change the way society rewires our brains, impacts our health and well-being, shapes our value systems, reprograms our reality, and changes the quality of our experience. He is co-launching a variety of initiatives ranging from organizations that are committed to operationalizing the UN 17 Sustainable Development Goals to a tech startup dedicated to develop the next generation of HCI and a holistic multi-sector incubator that will weave a Sustainable Social Architecture into the technology fabric of Smart Cities. These initiatives pave the way for a post-SDG era that is more equitable, resilient, and sustainable - aligning with his social justice and scientific vision for the future.

<https://www.linkedin.com/in/arsalan-abtahi-m-d-279a12112/>





## Greg Adamson

Greg is an honorary Principal Fellow with the School of Population and Global Health at the University of Melbourne, and a Fellow in the Australasian Institute of Digital Health. He has a Bachelor of Technology (Engineering), a Master of Commercial Law, and a PhD in Internet studies.

Greg has had a passionate interest in sustainability since school, when he published his first article on the philosophy of technology and the environment in 1971. He then studied geology and authored *We All Live on Three Mile Island* (1981) which looked beyond profit as a cause of nuclear accidents to explain, five years before the Chernobyl accident, why Soviet reactors weren't any safer than US reactors.

Today Greg is Technical Activities vice-president and a former president of the IEEE Society on Social Implications of Technology (SSIT). He chairs the IEEE Standards Association industry connection program [Dignity, Inclusion, Identity, Trust and Agency \(DIITA\)](#), looking at addressing barriers to beneficial use of technology. Within the program IEEE Ethics in Action in Autonomous and Intelligent Systems he chairs a group looking at the impact of that technology on power relations. He is researching and publishing on explainable artificial intelligence.

He chairs two global conference series, [IEEE ETHICS](#), and [IEEE Conference on Norbert Wiener in the 21<sup>st</sup> Century](#). He is committed to the belief that, as Wiener said in the last year of his life (1964), "The world of the future will be an ever more demanding struggle against the limitations of our intelligence, not a comfortable hammock in which we can lie down to be waited upon by our robot slaves."

Greg works as a cybersecurity consultant in the transport industry in Melbourne, Australia. He chairs the IEEE Standards Association industry connection program [Meta Issues in Cybersecurity](#).



### Nkechi Madonna Agwu, Ph.D.

Nkechi Madonna Agwu, Ph.D., is a Nigerian, Sierra-Leonean African American, who has resided in all three countries - Nigeria, Sierra-Leone and United States (US) for a significant period of time and briefly in other parts of West Africa as a refugee of civil war. So, she has cultural and socio-economic familiarity with the West African region, and is delighted to participate in Panel 2030..

She earned her doctoral degree in Mathematics Education from Syracuse University, Syracuse, with a minor in Cultural Foundations in Education; her Master's degree in Mathematics from the University of Connecticut, Storrs; and her Bachelors degree with Honors in Mathematics from the University of Nsukka, Nigeria. She is a Historian of Mathematics; an Ethno-mathematician; and a Mathematical Story-teller; who has received several national and international honors for her professional endeavors in this regard, including the

Brooklyn Borough President's 400 Years of Fortitude Citation in 2019 and Global African Woman of Distinction by the Drammeh Institute/Center in 2020.

She received professional development training from 1997-2002 from the Mathematical Association of America Institute for the History of Mathematics and Its Uses in Teaching (MAA IHMT), bringing to bear her training in an impactful way by organizing a City University of New York (CUNY) funded conference on the History of Mathematics and Its Uses in Teaching to provide her colleagues in New York and other neighboring states the opportunity to network, collaborate and share their work in this regard. She is the Writing Team Chair for the MAA IHMT *Linear Equations Module* and *Polynomials Module*.

She is the author of the renowned book, *God's Own: The Genesis of Mathematical Story-telling*, written under her pen name Nma (Beautiful) Jacob, that tells mathematical stories from an African indigenous knowledge perspective. "A picture is worth more than a thousand words." So, she has provided a picture that reflects her professional work as a mathematical story-teller of African indigenous mathematical knowledge systems and African women in STEM and her creativity in Ndebele Doll art.

She is a tenured Professor of Mathematics at the Borough of Manhattan Community College (BMCC), City

University of New York (CUNY) and a past Director of her college's Center for Excellence in Teaching, Learning and Scholarship. She is a member of CUNY's Fulbright Study Team to China on the *History of Chinese Mathematics and Mathematics Education in China*. She is a recipient of CUNY's Excellence Award.

She is a children, youth and women's advocate, motivator, mentor and educator. This is indicated by her endeavors as a Past President of the American Association of University Women (AAUW) New York City (NYC) Branch; as an AAUW Leadership Corps member; by her teacher training endeavors with Pan-African Strategic and Policy Research Group (PANAFSTRAG) in Lagos, Nigeria; and her vocational education endeavors in moving forward the mission and vision of CHI STEM TOYS Inc. in Nigeria and the US on *STEM Related Capacity Building and Entrepreneurship Education for Vulnerable and Under-represented Populations and Rural Communities*. This is a 501c3 NGO birthed out of her ethno-mathematics and gender equity educational research, curriculum development activities and Carnegie African Diaspora Fellowship Project at the Federal University of Technology, Akure and the National Mathematical Centre (NMC), Abuja, *Culture, History & Women's Stories: A Framework for Capacity Building in Science, Technology, Engineering & Mathematics (STEM) Related Fields & for Fostering Entrepreneurship Educations*. She is the International Coordinator for the NMC Ethno-mathematics Research Group (ERG) through which this project is still ongoing to develop curricular materials framed around the indigenous mathematical knowledge systems of Nigerian cultural groups and mathematical stories of Nigerian women in STEM.

She is an American Mathematical Association of Two-Year Colleges (AMATYC) INPUT Awardee and Travel Awardee for curricular innovations in teaching and a past AMATYC Historian. She is a Project Kaleidoscope Faculty for the 21<sup>st</sup> Century of the American Colleges and Universities (PKAL F21 AAC&U). She is a Writing Team Chair for AMATYC's Signature Document, *Beyond Crossroads*.

She has received numerous internal and external grants to collaborate with colleagues within and outside CUNY in her area of expertise, including a New York City Literacy Mini-Grant on *Teaching Techniques Inherent in the Igbo Educational System*. She has served as Faculty Advisor for several years for the African Student's Club at BMCC and as a faculty mentor and advisor for students in many of our college's student research programs, viz.: Science, Technology, Entry Program (STEP), Collegiate Science, Technology, Entry Program (CSTEP), Louis Stokes Alliance for Minority Participation Program (LSAMP), Honor's Program, Women in Mathematics Program and most recently one of our college President's Flagship Programs – Black Studies Across the Americas (BSAA) also funded by the CUNY Program on Race and Ethnic Studies Across the Curriculum and CUNY Study Abroad Collaborative Online International Learning (COIL) Program. She is driving the effort of faculty collaboration in the re-design of our department's Mat 125 – *Survey of Mathematics* course as a study abroad course to Africa and the grant writing process to fund the re-design initiatives and the first iteration of the course in study abroad modality. She has also been actively involved in many of our college Open Educational Resources (OER), Writing Across the Curriculum (WAC) and Online Learning (OL) initiatives, currently working on developing a course website on the college OpenLab website for teaching Mat 161.5 – *Quantitative Reasoning and Mathematics Literacy* using OER materials from a culturally based and women's stories framework.





### Sneider Alfonso

Operations Lead for the [People-Centered Internet](#) and Young Challenger at the Young Challenger Program by [The Grameen Creative Lab](#), Sneider has lived, traveled, or worked in 35+ countries worldwide. He has 5+ years of experience in business strategy and management, from large-scale organizations in the third sector to tech start-ups in America and Europe.

He defines himself as a social entrepreneur; he's committed to working on projects and initiatives that shape the future for the better.

For more information see his [LinkedIn entry](#).



## Uthman

I am a responsible innovator and digital ethicist who is leading bp's initiatives in this space. My mission is to

educate society on matters related to digital ethics. Having a legal background, I was able to see how the law fails to protect marginalised groups in the age of frontier technologies. Currently, I am creating cutting-edge policies on frontier technologies, designing new processes for ethical design and co-designing world-class education materials with other thought leaders.



## Franco Amalfi

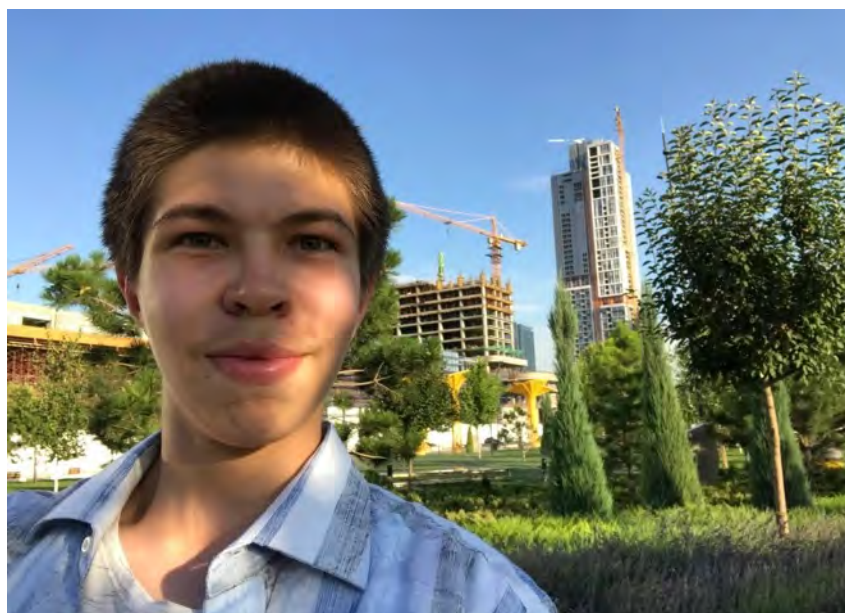
Franco Amalfi is the Head of Sustainability Strategy, Global Public Sector for Google Cloud. In this capacity,

Franco is responsible for the go to market strategy for climate insights solutions globally. He is focused on advising governments to effectively use modern cloud based solutions and emerging technologies to analyze earth observation data at scale to inform adaptation strategies.

In addition to working with customers, Franco authors and publishes whitepapers and articles on leveraging technology to drive business value for governments. He is also a frequent speaker at government conferences. He is a graduate of McGill University and has completed an advanced certificate for executives

in Management, Innovation, and Technology at the MIT Sloan School of Management.





### Fyodor Amanov

Fyodor is an active quantum physicist and book writer. He is an alumni of QSYS University Waterloo program and participant of Qiskit summer camp 2022, member of Harvard CMSA conferences. He volunteers at EngIn

— English teaching organization for Ukrainian residents. Also Fyodor Amanov is a practicing poet posting on Medium and Telegram.

Please contact me at: [quantumnews19@gmail.com](mailto:quantumnews19@gmail.com) or <https://www.linkedin.com/in/fyodor-amanov> I will be truly thrilled to have a conversation with you !



### Adithya Anil Variath

Adithya is the Coordinator of the Centre for Research in Air and Space Law & Ph.D. Candidate at Maharashtra National Law University Mumbai, India. He is also an International Research Fellow at the Information Society Law Center, University of Milan, Italy. As a researcher, his work focuses on International Law, R2P, TWAIL and AI. He also served as a Research Group Member at the Center for AI and Digital Policy, USA. He writes frequently on issues of international law for the Geopolitics, the Pioneer, Modern Diplomacy, Oriental Review, etc. His recent work is a co-authored book “An Introduction to International Law” published by Thomson Reuters. He has presented papers in conferences and workshops hosted by University of Cambridge, King's College London, University of Pretoria and Graduate Institute, Geneva, among others.



### Cristina Andersso

Cristina Andersson is an entrepreneur and management consultant. Cristina has been working with artificial intelligence and robotics since 2011, as an expert in different EU and national organizations as well as with several companies. She is a member of the steering group of the Finnish National Artificial Intelligence 4.0 program led by the Ministry of Employment and the Economy. Cristina is chair of the Green Transition Group of the program, chair for Artificial Intelligence working group at the Finnish Standards Association, and member of the board in Federation of Finnish Enterprises in Helsinki.

Since 2018 Cristina has studied quantum technologies and sustainability. She is a member of the global OneQuantum initiative and Quantum Carelia network. She believes that quantum technologies together with ever growing demands for sustainability will impact as a great paradigm shift, and she wants to help people and organizations to prepare for this transformation. Nature smartness is one of the key ideas she promotes to help understand and adapt to the new future.

Technologies need to be developed and used for welfare of people, countries, and the universe. Therefore, Cristina is also involved in promoting better care for the elderly. She is a member of the advisory board for FoibeMansion, a nursery home for the elderly in Finland.

Cristina is an educationalist who has studied the future of work and management. She sees learning for professional foresight as one of the key parts of lifelong learning. She strongly believes that one must understand technology and emerging technologies to understand what one should learn.

Cristina co-authored the book “BohoBusiness - Victory of man over machine” (Talentum 2012). Her book

“The Winning Helix” describes a victorious action-learning process, and how the energy should be focused on different phases of the process.

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## Brandy Armstrong

(Senior Member, IEEE) received her BS and MS in marine science from the University of South Carolina, Columbia, SC, USA in 2004 and 2005 respectively and is currently working towards a Ph.D. degree with The University of Southern Mississippi, Hattiesburg, MS, USA. She previously worked with the United States Geological Survey as an oceanographer with the Marine Geology Program in Woods Hole, MA, USA and a hydrologist at the Hydrologic Instrumentation Facility at Stennis Space Center, MS, USA. In 2019 she joined The University of Southern Mississippi as a research scientist. Her research interests include ocean modeling and coastal geomorphology. She is actively involved in mentoring students, women in engineering, and Young Professionals as well as diversity, equity and inclusion committees. She is currently the Vice-President of Professional activities at OES and an executive committee member.

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### George Assalley

Currently, a Staff Scientist at A3 Environmental Consultants. He graduated as a student-athlete having played football while attending Illinois Wesleyan University. George earned his degree in Environmental Studies with an Ecology focus. Recently, he held an internship involving agronomy in central IL at Evergreen FS and was awarded as one of the top interns at the location. He conducted research with an Illinois Wesleyan professor involved in bird migration for the Spring-Fall 2023 season.

Spending most of his early life in the outdoors, George's fascination with species interaction developed. In high school years he was tasked with working alongside his father with converting agricultural properties into self-sustaining wetlands, which served as habitat for local wildlife in northern Indiana. George hopes to continue learning and educating others about the benefits of long term sustainability within local habitats and on the global scale.



### Christine Balagué

Christine Balagué is professor of Management at Institut Mines-Télécom Business School (IMT-BS), and founder & leader of the “Good in Tech” research network ([www.goodintech.org](http://www.goodintech.org)) focusing on Trustworthy Artificial Intelligence and Corporate Digital Responsibility. The Good in Tech research network is a partnership between Institut Mines-Telecom and Sciences Po academic institutions, in partnership with the Risks Foundation.

She was Vice-President of Digital National Council in France during three years and contributed to different key reports on digital transformation impact on society and economy. At IMT-BS, her research focuses on ethics in AI, online disinformation, algorithms impacts on society and environment, corporate digital responsibility. She is also member of ARCOM (media regulator in France) experts group on online misinformation, member of the ethics committee of the Ministry of Armies, board member of Cap Digital (one of the major European clusters of innovation), member of the recommendations impact commission of the Haute Autorité de Santé in France. She was during five years member of the CERNA (Commission de réflexionsur l’Ethique de la Recherche sur le Numérique d’Allistène).

Christine Balagué is author of more than 90 publications in scientific international journal and conferences, as well as books on digital innovation and society

Diploma: Habilitée à Diriger des Recherches, Ph Management (HEC), ESSEC, ENSAE Econometry Master. She is also Chevalier de l’Ordre National du Mérite.

## Jorge G. Barbosa

Mr. Barbosa is a marine scientist by training with a Masters of Science from Yale University and over a decade of professional experience in program management, investment and policy on sustainable development issues, particularly on the blue economy and its linkages with climate change. Serving as an ‘ocean advisor’ and working closely with Mr. Peter Thomson (former Fiji ambassador), and other ambassadors part of the Pacific Small Islands Developing States (PSIDS), Jorge made significant contributions to the negotiations and drafting of the original SDG 14 concept note in 2013. As a refugee of conflict forcefully displaced from Colombia in the 1990s, and becoming a U.S. citizen, Jorge remains empowered and motivated to work towards sustainable management of the natural environment, social inclusion and the achievement of SDGs. This dedication is exemplified by his recent role with the World Bank as a Blue Economy Specialist leading projects, mobilizing multimillion resources, and building partnerships across the Latin American and Caribbean region as well as in the South Asian region. Having led the World Bank’s Youth Summit in 2018 and serving as a gender focal point, Jorge is equally passionate about youth’s and women’s role in shaping the solutions, policies, and investments that will forge a prosperous future.

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## Kathy Baxter

As a Principal Architect of Responsible AI & Tech at Salesforce, Kathy develops research-informed best practices to educate Salesforce employees, customers, and the industry on the development of responsible AI. She collaborates and partners with external AI and ethics experts to continuously evolve Salesforce policies, practices, and products. She is a member of Singapore's Advisory Council on the Ethical Use of AI and Data and AI Verify Foundation and on the board of the non-profit EqualAI. Previously, she has proudly served as a Visiting AI Fellow at NIST and a Council Member on the World Economic Forum's Global Futures Council for Data Equity.

Prior to Salesforce, she worked at Google, eBay, and Oracle in User Experience Research. She is the co-author of two editions of "Understanding Your Users: A Practical Guide to User Research Methodologies." She received her MS in Engineering Psychology/Human Factors Engineering and BS in Applied Psychology from the Georgia Institute of Technology.





### Dr. Anahiby Becerril

Graduated in Law from the University of the Americas, Puebla (UDLAP); Doctorate in Law and Globalization, from the National Quality Postgraduate Program CONACYT; Specialist in Governance, Human Rights and Culture of Peace (Universidad Castilla-La Mancha, Spain); Specialist in the General Data Protection Regulation, by the UNED, Spain.

She is an expert in Law and ICT, Cybersecurity and Human Rights. Professor in various public and private institutions.

Recognized as one of the Top Women in Cybersecurity Latin America 2021. Distinction awarded to 50 women in the region by WOMCY-Latam, Women in Cybersecurity and WISECRA, Alianza de Mujeres en Seguridad y Resiliencia.

Participant, from the academic sector, in the Meetings of the Open-ended Working Group of the United Nations, on advances in the field of information and telecommunications in the context of international security, of the Organization of the United Nations. Participant in the Ad Hoc Committee to Prepare a Comprehensive International Convention to Counter the Use of Information and Communication Technologies for Criminal Purposes, of the UN.

Recipient of the Woman and International Security in Cyberspace Fellowship, granted by the Government of Canada, December 2019.

Author of the following articles: "The value of our personal data in the Age of Big Data and the Internet of Things"; "Cybersecurity in National Security: threats and challenges in cyberspace"; Cybersecurity in Free

Trade Agreements. Electronic commerce as an enabler for the strengthening of international cybersecurity"; "Challenges for the legal regulation of Artificial Intelligence in the field of Cybersecurity"; "The role of women in cybersecurity"; among others.



## Peace Bello

Peace Bello is an award winning Chemical engineering finalist of Obafemi Awolowo University, Ile- Ife, Nigeria with remarkable records. He has gained experience under a diverse team of professional engineers having undergone internships at Coca-Cola Hellenic Bottling Company and Schlumberger Nigeria Limited. He is passionate about the development of clean energy and utilizing digital technologies to ensure decarbonization of the planet.

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### Sara E. Bennett

Sara E. Bennett is an American conservation biologist [Ph.D., Dartmouth, 1979] who lived from 1984-2016 in the Colombian Amazon. Her work, with Amacayacu National Park and the nearby indigenous communities, was focused on facilitating the development of community-based natural resource management plans, a comprehensive program of participative research and resource monitoring, and a program for the long-term conservation of Amazonian fauna.

She is a co-founder and former director of Fundación Maikuchiga, a Colombian NGO which provides care and rehabilitation for Amazonian animals, especially monkeys confiscated from illegal wildlife trafficking, and leads the long term monitoring program of the woolly monkey population in the southern part of the national park. She is author, illustrator, and designer of the book, *Micos de Colombia*, published in 2003 by the Instituto Alexander von Humboldt and Tropenbos Foundation [Bogotá, Colombia].



## Dr. DidemGurdur Broo

Didem cares about the future of the world and nature. She is a computer scientist with a PhD in mechatronics, which can give you an idea about how much she loves to talk about the future and emerging technologies. She is a data person, always finds a way to talk about how important it is to know your data, use it to make decisions, and at some point, expect her to talk about art, visualizations, and visual analytics. Didem is a person who does not hesitate to talk about inequalities and point out her ethical concerns. She dreams of a better world and actively works on improving inequalities regardless of their nature. She is an analytical thinker with a passion for design thinking, a researcher with a future perspective, an engineer who likes problems more than solutions, and a teacher who likes to play during lectures. She is a good reader, sailor, divemaster, photographer, and drone pilot.

Currently, Didem is an assistant professor at Uppsala University and directs the Cyber-physical Systems Lab. Her lab focuses on responsible intelligence, collaboration and interoperability development of autonomous systems. Prior to that she was Marie Skłodowska-Curie Fellow on Human-centered and Sustainable Cyber-physical Systems at Stanford University. Her project focuses on intelligence, autonomy, and interoperability of cyber- physical systems. She uses data science, design thinking, future thinking, and systems thinking as guiding principles to design future intelligent and autonomous systems. The project is funded by European Commission's prestigious Marie Skłodowska-Curie Actions which supports excellence in research and innovation. Prior to this project, she has been at the Engineering Department of the University of Cambridge as a research associate for several years. She has worked at the intersection of data science and engineering projects with a focus on the design and implementation of digital twins for cyber-physical systems. She has been granted IEEE Senior Member due to her significant performance and excellence in science.

[www.didemgurdur.com](http://www.didemgurdur.com)

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### Dr. Stéphanie Camaréna

Harnessing the transformative potential of emerging technologies like AI for sustainable and regenerative systems, Stéphanie Camaréna is a visionary leader at the forefront of responsible innovation. Stéphanie is not merely an advocate but a catalyst for radical transitions towards sustainable and regenerative systems.

Stéphanie's unparalleled expertise, honed through a PhD from RMIT University, Melbourne Australia, and groundbreaking research on AI's pivotal role in redesigning sustainable food systems, has solidified her position as a thought leader in this critical arena.

A cross-disciplinary expert with over 15 years of experience spanning technology, business, design, and sustainability, Stéphanie has pioneered groundbreaking frameworks that empower organisations to leverage iterative practices as a catalyst for positive change.

As the founder of Source Transitions, a company dedicated to driving sustainable transitions through AI solutions, she brings a unique consultative approach rooted in systems thinking and multi-stakeholder collaboration to tackle complex challenges.

With an impressive track record that includes spearheading award-winning product designs, transforming programs to reduce costs and environmental impacts, and developing recognised sustainability frameworks, Stéphanie is a passionate advocate for radical transitions that create lasting impact.

[Stéphanie Camaréna | LinkedIn](#)



### Felipe Castro Quiles

MBA specialized in Deep Learning, Virtual Teaching and Blockchain Revolution. Felipe is currently harnessing the power of machine learning to enhance next-gen education at Emerging Rule; co-leading the development of Latin America's AI & innovation ecosystems at GENIA Latinoamérica; integrating aerial drones, robotics, and artificial intelligence to make deliveries as safe and reliable as possible at HUBVERY.

Throughout his professional career, Felipe has served on various Boards of Directors, including the Forbes Artificial Intelligence Executive Board, the Consultative Committee of the Global Virtual Educa Congress for the creation of educational ecosystems in the digital age, and DevNetwork's AI/ML DevInnovation Advisory Board. He has been admitted and completed prestigious business development programs such as 1776 Incubator, NYU Steinhardt StartED, Singularity University at NASA, NVIDIA AI Inception and HyperAccelerator, among others.

His ideas, strategies and models have achieved international recognition and have twice led him to be recognized as a 'Top 30' by the Silicon Valley Innovation and Entrepreneurship Forum (SVIEF). Felipe maintains that, "True equality means enjoying the same freedoms; these are only achieved by acting and thinking in accordance with the will and inclusion of all the groups that make up our society."

For more information: <https://www.castroquiles.com>

## Dr. Chandra Vadhana Radhakrishnan

Dr. Chandra Vadhana Radhakrishnan is a Fulbright Awarded Social Scientist at Gendered Innovations Lab, Stanford University and an accomplished social entrepreneur. With over two decades of professional experience in various fields including L&D, social science research, media, gender activism and social entrepreneurship, she has conceptualised and led various social impact and sustainability projects. Her current research interest involves developing toolkits for Regenerative Entrepreneurship. Apart from being a Scholar, she is a passionate social entrepreneur who runs a non-profit organization, Prayaana Labs ([www.prayaana.org](http://www.prayaana.org)) aiming at employability, entrepreneurship development of girls and women. She also founded a women's magazine named as SheSight ([www.shesightmag.com](http://www.shesightmag.com)) and an eCommerce platform ([www.pracol.com](http://www.pracol.com)) that sells women made products in India.

She recently won the Landecker Democracy Fellowship (Berlin, 2022). She is the first Indian woman to win special recognition for social entrepreneurship by UNCTAD Empretec Women in Business Awards, 2018. She is also a recipient of the International Visitors Leadership Program (IVLP), a fully-funded leadership program by the US State Department (2019). She serves on the Advisory board for various Government bodies / Startups in India/US and engages as a consultant for UNCTAD for projects involving women in business. She is also a poet and has published two poetry books, The Girl in me (2019) and The woman in me (2021)

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### Chandramauli Chaudhuri

Chandramauli is the Director of Data Science at Fractal, one of the most prominent players in the Artificial Intelligence space. He currently leads AI & Machine Learning initiatives across Tech Media & Telecom domains in the UK & Europe. His primary area of interest lies in research and development, algorithmic customisation, capability enhancement, and deployments of solutions at scale.

Being in the consulting industry for close to a decade, he has worked extensively across a broad spectrum of verticals, including Insurance, Energy, Banking and Financial Services. He works in close collaboration with senior business stakeholders and CXO teams across some of the leading global enterprises, enabling the development of long-term strategic and sustainable AI solutions. Over the years, this has also enabled Chandramauli to analyze and learn from close quarters the challenges, pitfalls, and opportunities that lie in the path of global sustainability and ethical undertakings at scale.

He has also been an active member and contributor to 'The A/IS for Sustainable Development Committee' and 'The Law Committee' as part of IEEE's 'The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems' initiative and international publication titled 'Ethically Aligned Design'.

You can get in touch with him via his LinkedIn profile: <https://www.linkedin.com/in/chandramaulic/>



### Gokce CobansoyHizel

Gokce is the Human Rights and New Technologies' Law Coordinator at Turkiye's leading mobile operator Turkcell (BIST:TCELL, NYSE:TKC, Nasdaq:TKC) and working at the intersection of new and emerging technologies, law, human rights and ethics.

After graduation from Faculty of Law (Gazi University), Gokce earned Master's degree on Human Rights (Maltepe University) under the supervision of [Prof. Dr. IoannaKucuradi](#) with the thesis on "The Problem of Data Protection From the ViewPoint of Human Rights", and currently is a PhD Student on Human Rights at Hacettepe University, researching on corporate responsibility & business and human rights issues, particularly in tech sector.

She is also member of several international Standards Working Groups (IEEE 7010.1, IEEE 7030, IEEE P2089, IEEE 7014) and ITU's working groups ([U4SSC initiative](#), AI&Health Focus Group), and has contributed [UNICEF's work on AI&Child Rights](#) and WEF's Project on the [Responsible Use of Facial Recognition Technology](#).

As a mother of an eight-year-old, she is concerned about leaving a sustainable and livable planet worthy of human dignity for future generations.





## Cyndi Coon

Cyndi Coon is a time traveler and rule-bender, using creativity, imagination, and play for good. As an [Applied Experiential](#)

[Futurist](#), she leverages data, science, and curious questions from her research to drive deep human-centric investigation of the future across enterprises, governments, higher education, industry, the military, and private partnerships.

She is an Affiliate at the [Center for Emergency Management & Homeland Security](#). Co-Chair of the [Human Wisdom Committee IEEE Planet Positive](#). Chief Media Officer for [Content Evolution](#). She leads the [i4j](#) (global innovation for jobs workforce) and [Coolabilities](#) communities, promoting inclusive and forward-thinking solutions. She is a [Web 3](#) advisor and a Generative AI play trainer.

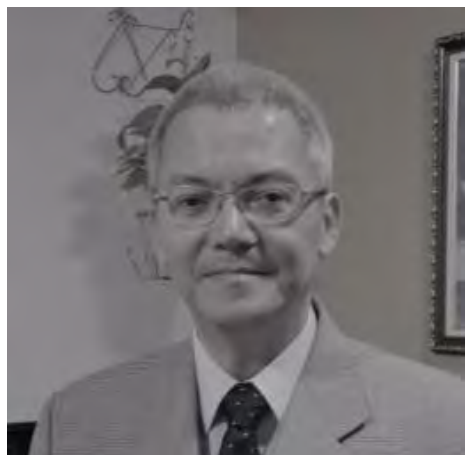
Cyndi is the Founder and Principal Futurist at [Applied Futures Lab](#), Founder of [Laboratory5](#), and Founder and Publisher at [Turkey Hill Press](#). Co-founder of Arizona State University's [Threatcasting Lab and Press](#), where she

collaborates with diverse teams to anticipate future threats and opportunities. Cyndi is the co-author of [Threatcasting \(2022\)](#) and the author of [Thrive!](#) Creative's Guidebook to Professional Tenacity (2019), numerous reports, articles and book chapters. Her use of imagination, combined with her playful approach to research, drives her passion for human-centered, self-powered innovation.

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### Flavio S. Correa da Silva

B.Eng. Industrial Engineering (University of São Paulo - USP, Brazil, 1984), PhD Artificial Intelligence (University of Edinburgh, UK, 1992). Full time faculty member at USP (Dept. of Computer Science) since 1992. His initial research focus was on theoretical aspects of Artificial Intelligence, particularly with respect to reasoning and knowledge, and later with respect to inference, approximations and pattern recognition. While Flavio still works with all of those, in recent years he has focused primarily on human centric AI: applications in healthcare, wellbeing and the future of cities and economies, ethical issues around AI, and how AI can become a tool to ensure that humans can be welcome on Earth for as long as it can be. As an engineer, his goal has been to find means to nudge systems designers and engineers towards sustainability and measurably ethical behavior.



### Caitlin C. Corrigan

As the Executive Director for the [Institute for Ethics in Artificial Intelligence](#) (IEAI) at the Technical University of Munich, Dr. Corrigan is responsible for the development and coordination of all IEAI research and administrative activities. She also works with the IEAI research associates to directly carry out research projects as a co-principal investigator. Additionally, she works closely with the IEAI Director to craft the IEAI's agenda, develop strategic partnerships for the institute and to enhance the IEAI's academic network. To this end, she is a co-founder of the [Responsible AI Network - Africa](#).

She holds a PhD in Public and International Affairs from the University of Pittsburgh. Her research interests include good governance, sustainable development and corporate social responsibility, particularly in developing country settings. She has over ten years of experience in designing and implementing research and data collection, developing and managing research projects and coordinating funding proposals. She has also conducted field-based research in Southern Africa with a focus on CSR, natural resource management and community development. Dr. Corrigan has published several articles in academic journals and has worked as a consultant for local and international NGOs through the [Research Group for Sustainable Impacts](#) (RG-SI), producing data collection and evaluation systems for organizations, conducting statistical data analysis and generating policy relevant research and reports.



## Sarah Crooks

Driven by curiosity, Sarah believes everyone—and everything—has a story. Sitting at the intersection of business, design, and the circular economy, she has a rare ability to translate both the business and design worlds. Sarah is a researcher and sponge for new information, always absorbing and sharing trends and insights and strategically thinking about what's next—for INDEED Innovation and beyond.

Merging her analytical background via a B.S. degree in Economics with her visual acuity attained from her M.S. in Design, Sarah is able to visualize things before they exist—whether that's potential partnerships, systems, new offerings, or hidden superpowers in the people around her. She leverages the creator's mindset to help clients and colleagues visualize what is possible.

Sarah is committed to INDEED's sustainable vision, focusing on all things related to the circular economy and optimization of triple-bottom line KPIs. She is an advocate of intrapreneurship and sustainable change management, identifying people's strengths and helping them articulate and expand their potential. Originally from the United States, Sarah is currently leveraging her global experience by playing a key role in connecting INDEED's EU business with their expansion into the US. Her curiosity has led her on many adventures of different scales, from hiking remote corners of the world to discovering urban cafés armed with a good book.

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## David Dao

I'm a Ph.D. candidate at ETH Zurich building AI and Data Systems for Sustainable Development.

I'm leading the Climate + AI initiative at DS3Lab, mapping the ethical use of AI, and directing the Kara research project with Stanford and UC Berkeley. I'm also the founder of GainForest, a non-profit grantee of Microsoft's AI for Earth program, which leverages decentralized technology to prevent deforestation.

Previously, I was an engineer in Silicon Valley and a research fellow at Berkeley AI Research (BAIR), Stanford University and Broad Institute of MIT and Harvard. I'm a Global Shaper at World Economic Forum, a Core Member of Climate Change AI, a Climate Leader at Climate Reality Project, a Mentor at Creative Destruction Lab, a United Nations delegate at COP (since COP23 Bonn), and organized conferences with thousands of attendees in Germany, Silicon Valley, and at Harvard.





### Subhajit (Khush) Das

Subhajit (Khush) Das is a renowned dancer, teacher and choreographer of Bharatanatyam, an ancient classical Indian dance form. A rising star in the Indian performing arts scene, his expertise also extends to neo-classical dances performed across India and abroad. Currently he is a choreographer of “Dance Bangla Dance” program of Zee Bangla, a major Indian television channel. Across his emerging career, Khush has received many awards as well as enthusiastic media coverage and critical acclaim for his unique nexus of Abhinaya (dance-acting), precise depiction of traditional dance forms, as well as novel choreographic experimentation that transcend discipline and bring new interpretation to ancient ideas. Among his many accolades, the highly prestigious " Nritya siramani" award from the state government of Orissa, an Indian state with rich dance traditions, is a distinction worthy of special mention. Khush currently leads and performs with his own dance company named 'Subhangik', which has performed in different parts of India and abroad namely Singapore, Malaysia, Sri Lanka and Japan to name a few.

Artist motto: Devoting his life towards spreading the art of dance and positivity across the globe.

## Elliot David

Elliot is an energy economist on a mission to promote sustainability, peace, and justice. After serving as a paratrooper in the IDF, he attended the Macaulay Honors Program at Hunter College, City University of New York. He graduated as a Presidential Achievement Scholar and recipient of the Provost's Award. He graduated with Double Honors having produced two theses in Economics and Political Science on microfinancing strategies for solarizing Small Island Developing States and counterinsurgency strategies, respectively.

Elliot then received his Masters in Global Affairs from Tsinghua University, where he was a Schwarzman Scholar. He published his graduate thesis on carbon management technologies in China with his Advisor, David Sandalow. He has worked for leading organizations across multiple sectors including the US Department of Energy, the Clinton Foundation, and more. Elliot is also the Fundraising Director for The Young African Business Booster (YABB), a social impact organization alleviating poverty, youth unemployment, and hunger in Rwanda through microfinance solutions and sustainable agribusiness training.

Elliot enjoys advising impact-oriented startups and helping historically excluded young people access opportunities working in climate and sustainability, including through the Greenlight Climate Festival the UN Youth Constituency's Green Jobs Working Group.



## Marije K. De Roos

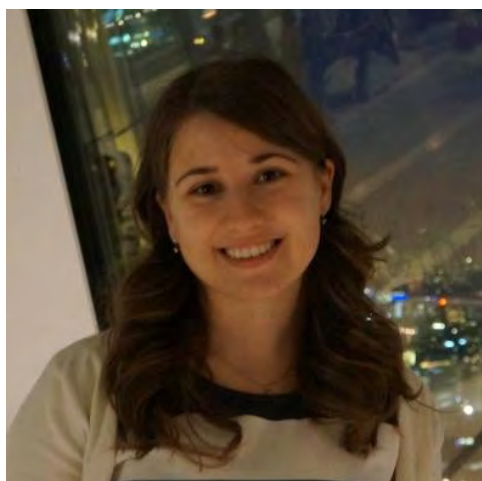
Marije K. De Roos (1990), is a Dutch economist (M.Sc. from Copenhagen Business School) and circular supply chain specialist on a mission to make fashion a catalyst for positive change. She has invented a proprietary framework for fashion products to be made and sold in a way so they never end up in landfills. Her main mission is to create a new paradigm for fashion that meets the needs of the environment and society.

She has been an independent researcher investigating how fashion can be a true force for good through the lenses of circular economics, science, technology, culture, art and design. She specializes in interrogating the true state of sustainability, challenging brands to move beyond baseless sustainability statements, and empowering consumers to make better-informed choices. As an active member of The Union of Concerned Researchers in Fashion (UCRF), she has been contributing to the development of a new glossary in collaboration with renowned researchers, academics and entrepreneurs.

Marije believes in a clean textile industry where aesthetics meet ethics. She often states that “Sustainability means leaving no one behind”, which is why she has been an ambassador for the NGO Justice in Fashion advocating for the protection of those who make our clothes.

In 2020, during the Pandemic, Marije founded a startup with the mission to put the ECO into eCommerce one positive product at a time: Positive Fibers®. The first product created is the world’s first completely compostable designer blazer.

In her spare time she writes a monthly newsletter published on LinkedIn called “Circular Fashion Detections” with currently around 3,500 subscribers. Furthermore, she occasionally writes for publications like The Interline and FashionUnited NL and UK.



## Amy Deeb

Amy is an Intermediate Engineer with the Field Services team at Lloyd's Register in the Applied Technology Group. She holds a Bachelor of Mechanical and Aerospace Engineering from Carleton University in Ottawa, Canada (2013), a Master of Science in Space Systems Engineering from the Technical University of Delft in the Netherlands (2015) and a Doctorate in Mechanical Engineering from Dalhousie University in Halifax, Canada (2021).

Dr. Deeb's research experience centers on increasing the capabilities of autonomous systems in harsh environments, recently with an increased focus on the marine environment. Amy has experience developing situational awareness, localization and mapping, fault tolerance and collaborative behaviours for autonomous underwater vehicles, autonomous surface ships, uncrewed aerial vehicles, and nano-satellites. Recently she has applied her machine learning training to develop tools for analyzing and interpreting underwater acoustics data for small commercial fishing vessels. Day-to-day, her job functions involve surveying literature, investigating and implementing novel solutions, analyzing measurements, and communicating the viability of new approaches.

Amy is active with her professional regulator body, Engineers Nova Scotia as a past chair of the Women In Engineering (WIE) Committee and volunteers with the WIE Networking and Mentorship sub-committee and with her local section of IEEE where she supports the local organizing committees of upcoming conferences. Recently, Amy has become involved with the IEEE Oceanic Engineering Society where she works with society leadership on the Strategic Planning Committee and supports the chapter chair advisor, young professionals (YP) liaison and diversity equity and inclusion (DEI) committee chair. She is honoured to have been named one of the two IEEE OES YP BOOST laureates for 2022-2024.



## Susan R Dickey

Susan was born in 1950 to a working class family in Erie, Pennsylvania. Her father worked at Eriez Magnetics, and her mother worked at Lord Corporation. She has two sisters still living in Erie, one a retired nurse and the other a landscape gardener retired from her work at Waldameer Amusement Park. Susan attended Michigan State University (that's East Lansing, not Ann Arbor) and received a B.A. with a double major in mathematics and Chinese history in 1972. During her twenties, she lived in Lansing, working as a secondary school teacher and as an editor of a progressive local newsweekly, *The Lansing Star*. During her thirties, she took computer science classes at Vassar College in Poughkeepsie, NY, volunteered with the Hudson River Sloop Clearwater organization, worked on the NYU Ultracomputer Project, met her husband [Tom Duff](#) and moved to New Jersey. During her forties, she finally completed her Ph.D. in computer science. She and Tom moved to California with their three children when he returned to work at Pixar Animation.

In California, she taught part-time at Sonoma State University, did graphics library support for VME boards at Peritek Corporation in Oakland, and was PTA president at Longfellow Middle School in Berkeley. She then worked for [PATH](#) at UC Berkeley's Richmond Field Station campus for 10 years, doing software support for projects in vehicle automation and intersection safety.

From July 2010 to January 2020, she worked for Google as a Software Engineer automating datacenter operations. Now retired, she and her husband divide their time between Berkeley, CA, and Pennington, NJ, where their five grandchildren live. She is on the Program Committee for the IEEE SusTech 2025 Conference. She is also Secretary of the IEEE P7800 Working Group and Vice-Chair of the IEEE P7803 Working Group.

For more about Susan, see [her LinkedIn page](#) or [www.oogaboo.com](http://www.oogaboo.com).





### Karen Elliott

Karen is an Associate Professor in the Business School at Newcastle University. Focusing on the impact of digital technologies on society particularly access to finance, she co-leads interdisciplinary EPSRC/Turing Institute and Gates Foundation funded projects (£8m) with Prof. Aad van Moorsel in computing; Fintrust, Finclusion, Agency: complex online harms, and the UKFinancial Services (UKFin+) Plus Network.

Karen is passionate about developing an equitable digital society, specifically, championing those deemed to be in 'vulnerable' financial situations. Part of the Finclusion project addressed the problem surrounding access to basic bank accounts namely, a lack of digital identity, therefore, we developed a proof of concept using DIDs and blockchain to create verified credentials for vulnerable customers in meeting 'know your customer' (KYC) regulations within financial services.

In addition, Karen is an Ambassador for the Digital Poverty Alliance (UK) and a member of the Prime Ministers Champions Group for Dementia (PMCG, Digital Inclusion Advisor). She currently co-leads a local project to refurbish and redistribute devices to disadvantaged children in the North-East of England. As part of the PMCG given her mother has vascular dementia, she works to influence the government for inclusive digital solutions for those with health issues such as dementia. She founding friend of the [Corporate Digital Responsibility](#) (CDR) group which explores the ethical and physical impact of data and digital technologies within and by companies across the social, economic, and environmental domains (inc., ESG and SDG directives). She is also a member of the [Radix Community](#) examining ethics, politics, sustainability, and the environment. She continues to research and publish on complex wicked problems in society via CDR, digital ethics, explainable and trustworthy artificial intelligence, and financial inclusion.



### Gabor Erdelyi

Dr. Gabor Erdelyi is an internationally recognized AI researcher with a background in Mathematics and Computer Science. He has an extensive research track record and knowledge in AI and Data Science-related topics. He is Partner, AI Research and Data Science at PHI Institute, Senior Lecturer in Data Science at University of Canterbury (New Zealand), and he is serving as an expert at the International Organization for Standardization (ISO). Prior to these roles he worked as an Assistant Professor in Economics at University of Siegen (Germany) and as researcher at several universities worldwide including Nanyang Technological University Singapore, HHU Duesseldorf, Germany, and University of Rochester, USA. His current research focuses on multi-agent decision-making and on societal aspects of AI.



### Olivia J. Erdelyi

Dr. Olivia J. Erdelyi is an internationally recognized AI ethics and policy expert and consultant with a multidisciplinary background in AI, economics, law, and political science. Her work centers around developing sustainable policies and robust regulatory and governance frameworks to enable beneficial development and societal adoption of emerging technologies, in particular AI. She is active in international AI policymaking and advises governments and organizations on their journey towards AI readiness.

Beyond her current roles as Senior Lecturer at University of Canterbury, Mercator Visiting Professor at University of Bonn, Partner, AI Ethics and Governance at PHI Institute, and consultant to the OECD, Olivia is serving as an expert on various AI policy and standardization bodies, including the OECD Network of Experts (ONE AI), the Global Partnership on Artificial Intelligence (GPAI), the International Organization for Standardization (ISO), and the Institute of Electrical and Electronics Engineers (IEEE).

Prior to these roles, she was Director of Ethics and Policy at Soul Machines and has worked with international law firms, the Court of Justice of the European Union, and the European Commission in corporate law and European and international financial regulation and policy.



### John Favaro

John Favaro graduated in computer science from Yale University and the University of California at Berkeley. He is currently a consultant based in Pisa, Italy, where he has worked in many areas of software technology ranging from automotive engineering to cybersecurity. From 2008 to 2023 he was Associate Editor of IEEE Software Magazine, becoming Department Editor in 2024.



### Jeff Felice

Jeff serves as the President of CertNexus, and is responsible for advancing the company's mission of closing the emerging tech skills gap while providing individuals with pathways towards rewarding careers. With twenty-five years of experience within the training and certification industry, Jeff combines his passion for professional performance with technology to bring change in how we prepare people for jobs globally. Jeff serves on a number of industry groups focused on workforce skills development including the NIST NICE Working Group, Open Skills Network, and IEEE Global Initiative Education Committee. Jeff is an avid cyclist and active transportation advocate. You can connect with Jeff on [LinkedIn](#).



### Dr. Robert S. Fish

Dr. Fish is on the faculty of the Department of Computer Science of Princeton University where he teaches courses on innovation and entrepreneurial methodologies, Web3 and blockchain technologies and applications, as well as directing the undergraduate independent work program. He is also President of NETovations, LLC, a consulting company focused on the creation of communications and network innovation. From 2007 to 2010, he was Chief Product Officer and Senior VP at Mformation, Inc. a startup specializing in carrier software for mobile device management. From 1997 to 2007, Rob was Vice President and Managing Director of Panasonic US R&D laboratories working on embedding networking into consumer devices. Prior to this, he was Executive Director, Multimedia Communications Research at Bellcore/Telcordia where he pioneered informal video communications and presence mechanisms. He started his career at Bell Laboratories after receiving his Ph.D. from Stanford University. Dr. Fish has been awarded 17 patents. He is a Fellow of the IEEE.

Dr. Fish is immediate Past-President of the IEEE Standards Association (IEEE SA) and a member of the Board of Governors of the IEEE SA. He served for two years on the Board of Directors (IEEE BoD) of the IEEE. He also chairs the IEEE Edge-Cloud Standards Committee. He was a member of the IEEE Communications Society (ComSoc) Board of Governors and is a former ComSoc VP of Industry and Standards. He co-founded and was the Steering Committee chair of the IEEE Consumer Communications and Networking Conference. He currently chairs the IEEE BoD Industry Engagement Committee. During his career, Dr. Fish and his organizations have initiated and managed standards development activities in IEEE, ISO/IEC JTC1, 3GPP,

OMA, IETF, ATSC, CableLabs, OSGi, and probably a few others. Dr. Fish was the recipient of ComSoc's MMTC Distinguished Service Award and was awarded the Standards Medallion of the IEEE Standards Association.



## Laura Friedrich

[Laura Friedrich](#) is the principal of a research, standards, and education consultancy firm that has shaped her work experience for over 20 years. The firm helps build institutional capacity and develops strategic, policy, program, governance, and ethics guidance for established and emerging professional and regulatory organizations

Laura frequently authors and presents on topics such as the impact of disruptive technology on professional ethics; governance; and capacity development, with a focus on the future of professions.

Laura is a Technical Advisor to the [International Ethics Standards Board for Accountants \(IESBA\)](#)

and chairs CPA British Columbia's Bylaws Committee. Laura also leads the Trust and Ethics stream of CPA Canada's [Foresight: Future of the Profession](#) initiative.



### Mei Lin Fung

Mei Lin is the Chair of the People Centered Internet which she co-founded with Vint Cerf. She was an early

pioneer of CRM at Intel and Oracle and was Socio-Technical lead for the US Department of Defense Health Futures activity between 2009 and 2013. She is a member of the Executive Committee of IEEE's Society for Social Impact of Technology Committee, and chairs the Assessment subcommittee for IEEE's Humanitarian Activities Committee. She was a member of the World Economic Forum Global Future Council for Digital Economy and Society, 2017-18, and has been recently appointed a Fellow at the Hasso Plattner Institute in the University of Potsdam. At MIT, where she did her MBA, she studied under Franco Modigliani, Robert

Merton and Fisher Black.

## Jean García Periche

Jean García is Co-Founder and Chief Government Officer of GENIA Latinoamérica, pioneering AI Diplomacy and promoting regional development of Artificial Intelligence in Latin America. Founder of Global Neo, developing frameworks for Smart Government and Global Governance. President of the Center for Political Innovation, incubating a new generation of leaders, working for Smart Cities and the sustainable development of communities.

He is a Political Scientist and Economist with studies in Cognitive Science, Anthropology, Exponential Technologies, and Public Administration, and is currently doing a PhD in Complexity. Jean is a Fellow from Singularity University at NASA Ames Research Center in Silicon Valley, an AI Policy Affiliate at The Future Society, a member of the Executive Board of the Global AI Ethics Institute, and sits on the Global Advisory Board of the International Group of Artificial Intelligence. He is also part of the US Department of State and the Atlantic Council's AI Connect Program.

Previously, he served as a Global Strategist and Movement Builder at CULTU.RE, a platform for Interplanetary Governance using decentralized self sovereign identities, together with Crypto and Blockchain legend Toni Lane Casserly, founder of CoinTelegraph.



## Rob Gierke

[Rob](#) is the Founder and CEO of Purenessity, a business consulting company focusing on purpose-driven brand building. His life purpose is to drive consciousness development and to steward businesses to make a positive impact towards the 17 United Nations Sustainable Development Goals. Purenessity strategizes and transforms companies into purpose-driven brands which Millennials and GenZ are drawn to as consumers, investors and employees. Rob is certified by B Lab as a B Leader to guide companies on their B Corp certification journey. Rob is a certified leadership coach trained by Singularity University, one of the leading institutions for the application of exponential technology in the world. As a strong community builder, he is the Captain of the Sustainability Circle at Factory Berlin. With his corporate experience leading teams in brand strategy and marketing at adidas for 14+ years, Rob brings strong intuitive and collaborative listening skills to his clients to uncover their deep-rooted narratives to achieve creative breakthroughs. As a graduate of MIT's Digital Transformation Executive Program, Rob currently leads the New Mittelstand Digital Sustainable Leaders Chapter. He is also a member of Leaders for Climate Action, a movement of tech entrepreneurs to drive carbon neutrality. Rob is a member of Circulab, the global circular economy movement, to help businesses innovate in their products and systemic impacts while improving the resilience and regeneration of their ecosystems. From educating youth in the favelas of Brazil to volunteering in one of the largest refugee camps in Lesbos, Greece, Rob has worked with vulnerable populations globally to ignite change. He is an environmental activist and lobbyist for climate change legislation. In 2018, Rob became a certified climate leader under Al Gore's Climate Reality Project. At Purenessity, 33% of the annual profit goes to three impact-focused organizations: UNHCR, Greenpeace Save the Arctic and GDI Uganda (11% each).



### Dr. Aleksei Gudkov

Aleksei is a Researcher and Counsel with a wide range of experience in the fields: Tech Law; Artificial Intelligence; Ethics; Blockchain; Personal data, M&A, Corporate Governance.

He earned his Ph.D. in law at the Autonomous University of Barcelona (Spain). He is Visiting Professor at MSSES.

His current research focus is in risk governance, artificial intelligence policy, blockchain regulation. <http://www.linkedin.com/in/agudkov>

<https://scholar.google.is/citations?user=ZiQyStAAAAAJ&hl=ru&oi=ao>



### **Deborah R. Hagar, MBA**

Deborah is President of The Foundation for Sustainable Communities, providing collaborative platforms and new models of economic growth. The Foundation has organized projects in economic corridors of southern California, applying advanced technology and new digital networks, including Smart Cities with IBM in public- private partnerships. She has 35 years business/management experience with demonstrated leadership and accomplishment, in multiple industries including aerospace and healthcare. Ms. Hagar is currently Chair of IEEE Working Group on Advancing Corporate ESG and Social Responsibility and is Co-Chair of IEEE's Metrics/Indicators Committee on IEEE's Planet Positive 2030 Initiative. Deborah serves as a Sr. Adjunct Professor with the University of LaVerne in business and economics.





### Armin Hamrah

Armin is a high school senior at Sacred Heart Preparatory in Atherton, California. His work primarily lies in scientific research—particularly in lucid dreams, lifestyle factors, and memory loss. He’s relatively new to the field, but enjoyed the HAI conference and is hoping to up his involvement in environmental (and, particularly, sustainability) advocacy.

Long term, Armin hopes to be an entrepreneur, most likely either in the oneirological or environmental realm. Whatever the case, he’s an environmental advocate and will apply sustainability principles and Earth-preserving practices in whatever business he does or conducts.

Armin loves playing chess, reading nonfiction, and playing soccer/tennis for fun. He’s also an avid podcast consumer. His favorites? Revisionist History, 99% Invisible, and The Anthropocene Reviewed. If you haven’t checked them out, go give them a listen. Anyone with ideas for a podcast or looking for a collaborator (especially a teenager) should reach out—he’d be delighted.



## Theresa Harris

As a Senior Project Director at the American Association for the Advancement of Science (AAAS), I lead

projects that advance justice-centered science and technology. These include, for example, coordinating the AAAS Science and Human Rights Coalition, a network of scientific associations that recognize a role for science and scientists in human rights. I also direct initiatives that connect social impact organizations with scientific and technical support, provide experiential learning opportunities for students at the intersections of STEM and human rights, and integrate ethics and human rights into the research and development of artificial intelligence. Before I transitioned into human rights and law, I worked in city planning with a focus on social justice and public investment. I received a J.D. from American University Washington College of Law, an M.Sc. in Planning from the University of Tennessee-Knoxville, and a B.A. in Anthropology from Florida State University.

<https://aaas.org/srhrl>



### Ronald Hasenberger

Ronald is Principal Consultant at Bell Labs Consulting, helping its customers to improve the operations of communications networks. This involves a large deal of defining metrics and finding reference values from industry and interpreting differences.

Ronald also helped to set up and operate several benchmarking exercises from the definition of metrics to be used gathering the metrics and deriving insights from raw data.



## John C. Havens

John is the Global Lead for the IEEE Planet Positive 2030 Initiative. Previously at IEEE SA John was Executive Director of [The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems](#) that had two primary outputs – the creation and iteration of a body of work known as [Ethically Aligned Design: A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems](#) and the recommendation of ideas for Standards Projects focused on prioritizing ethical considerations in A/IS. Currently there are fourteen approved Standards Working Groups and five completed Standards in the [IEEE P7000™ series](#). John was responsible for: the initial ideation, framing and execution for bringing together the more than seven hundred global thought leaders to create *Ethically Aligned Design*; was Founding Chair of IEEE 7000 and IEEE 7010 and helped launch more than a dozen other IEEE Standards Working Groups focused on AI, AI Ethics, AI Governance, and AI Procurement; and continues to work on staff at the IEEE Standards Association to help further design, proliferate, and standardize the concepts of human-centric, applied ethical, values-driven design for Responsible Innovation of all technologies.

Previously, John was an EVP of Social Media at PR Firm, Porter Novelli, led Business Development at BlogTalkRadio, founded a non-profit called The Happathon Project, and was a professional actor for over 15 years. John has written for Mashable and The Guardian and is author of the books, [Heartificial Intelligence: Embracing Our Humanity To Maximize Machines](#) and [Hacking Happiness: Why Your Personal Data Counts and How Tracking it Can Change the World](#).



## Andy Heppelle

Andy Heppelle is the Accelerated Solutions Environment (ASE) Leader for Sustainability Acceleration Services (SAS) at Capgemini in the Americas. A chief magic maker, he guides groups of clients, trading partners and Capgemini Group colleagues through a process that applies neuroscience, mindfulness, complexity theory and holistic systems thinking to solve their most pressing problems. Andy helps people to discover new possibilities, to turn them into action plans and to unleash their commitment to make it happen. This is accomplished in days, rather than weeks or months.

Andy leads mission critical discussions and solutioning sessions with and for the Capgemini Group's leading clients, trading partners and Capgemini executives.

He uses everything that he has experienced and delivered with and for clients in utilities, manufacturing, high-tech, life sciences/pharmaceuticals, financial services, insurance, banking, luxury goods/retail, hospitality, transportation, government agencies, and automotive. He has extensive international, multi-cultural, multi-lingual experience, including C-Suite Business and Technology advisory, vision building, strategy creation and execution plan design, business and technology transformation, and executive coaching.

Andy attended Western University, studying economics and languages. A continuous learner Six Sigma

practitioner, Enterprise Architect and MG Taylor practitioner, Andy's purpose and passion are focused on the existential crisis impacting all clients, colleagues and trading partners and to fulfilling Capgemini's purpose in unleashing human energy through technology for an inclusive and sustainable future. Andy and his husband live in the northern California hills with two terriers named Beauregard and Rudy.



### Hironobu Murata

After graduating from the Department of Management Systems Engineering, Faculty of Science and Engineering, Waseda University, he joined SAP Japan. After working in business transformation consulting for major companies, he joined a strategic consulting firm, where he was involved in the planning and management of government public awareness programs and the formulation of management strategies and the creation of new businesses for major companies. Established consulting firm “Firm Alpha” in 2009 to create social impact innovation, support art projects, and provide liberal arts training

#### Current positions:

- President, [Firm Alpha Co.,Ltd.](#)
- Executive Director, Future Center Alliance Japan
- Senior Researcher, Arts Innovation Institute, Tokyo University of the Arts Foresight Practitioner, Institute for the Future
- Adjunct Researcher, Institute for Transnational Human Resource Management, Waseda University Instructor, Urasenke School Tea Ceremony etc.

#### Recent Publications:

- “WISEPLACE INNOVATION” (Future Center Alliance Japan)
- “Business and Human Resources ~Art Driven Business (April 2020~ March 2021) “ (Industrial and Labor Research Institute, Japan)
- “INSPIRATION: INSIGHTS FROM JAPANESE CULTURE FOR BUSINESS “ (Performant)





## Guy Hochstetler

Guy is recently retired from IBM where over the years he served in roles of IT Solution Architect in both services and sales organizations. He also spent a few years working in FinTech for a blockchain startup, R3 as a Director in Professional Services where he helped establish the services team, and advised R3 as it transitioned from a consortium to being an enterprise software company, borrowing from his IBM experience. Though retired, Guy stays engaged in the IT world advising startups regarding DAOs, DeFi, NFTs, token and digital assets. He is also deeply interested in environmental causes, especially in raising awareness of how humans are integrally connected to earth as one of its many biodiverse species that may be under threat of extinction. In his volunteer time he has become a board member of Friends of the Reedy River, a watershed advocacy group in his community. Guy also continues learning, especially looking for ways to apply what he has learned in helping author IEEE Strong Sustainability by Design.

Guy has long been drawn to the outdoors, enjoying sea kayaking, hiking, and generally just being in nature. As a young man he achieved a BS degree in Forestry from Purdue University, after which achieving an MBA from Indiana University. Studying forestry was a pursuit of passion, though it was apparent by his Junior year that jobs were sparse. Also, as a young man, Guy naively envisioned himself living in nature away from society, and fortunately for him was given that experience one summer working on a small fire crew for the US Forest Service in a beautiful, yet isolated part of the Payette National Forest in Idaho bordering the Snake River. From that experience Guy learned he really does enjoy the company of others. ;)

Across his career Guy discovered the synergy in the IT skills and knowledge he acquired over the years and ecological awareness of earth's natural resources. When it came to problem solving he could "see the forest for the trees". ;)

Guy and his Japanese wife recently moved from NJ, the NYC metro area to the friendly small upstate South Carolina city of Greenville. Big lakes and mountains are nearby while the sea is less than half-a-day's drive away.



## Cyrus Hodes

Cyrus is a co-founder of the World Climate Tech Summit (Q1 2023, Miami) and is the co-founder of [Duckweed Bio](#), an Agtech/climate tech startup based in south Florida. He is a Contributor with Blockchain Web Services (BWS) a Web3 P2P cloud computing platform for Machine Learning which enables resilient and more sustainable computation on a distributed network.

Cyrus is a Partner at [FoundersX Ventures](#), a cross-stage Silicon Valley VC firm focusing on AI, biotech, digital healthcare, enterprise SaaS, quantum computing, Fintech and Foodtech.

He was the co-founder and Chair of the [AI Initiative](#) of The Future Society, a think and do tank incubated at Harvard Kennedy School, where he led global governance of AI projects such as the [Global Data Access Framework](#) with the Executive Office of the UN Secretary General Office and McKinsey. He served as Advisor to the UAE Minister of Artificial Intelligence where he convened for 2 years the [Global Governance of AI Roundtable](#) at the World Government Summit.

Besides volunteering with the [Global Partnership on AI](#) (GPAI) on AI for climate action, he is a member of the International Advisory Board of the [EU Parliament STOA](#), a member of the [OECD Expert Group on AI \(ONE AI\)](#) and a member of the AI Ethics Board of Smart Dubai.

Cyrus was educated at Sciences Po Paris, where he later was a Lecturer in International Security, holds a M.A. (Hons) from Paris II University in Defense, Geostrategy and Industrial Dynamics and a M.P.A. from Harvard Kennedy School of Government.

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## Tomasz Hollanek

Dr Tomasz Hollanek is a Postdoctoral Research Fellow at the Leverhulme Centre for the Future of Intelligence (LCFI) and an Affiliated Lecturer in the Department of Computer Science and Technology at the University of Cambridge, working at the intersection of design theory, technology ethics, and critical artificial intelligence studies.

His ongoing research explores the possibility of applying critical design methods – prioritizing the goals of social justice and environmental sustainability – in the governance, development, and deployment of AI systems. This includes work on more-than-human-centered approaches to tech design (conceiving of the environment and non-human animals as stakeholders in the design process); the In-depth EU AI Act Toolkit, helping developers translate the requirements of the European Union’s AI Act into design practice; and policy and design recommendations for responsible deployment of AI in the digital afterlife industry (with Dr Katarzyna Nowaczyk-Basińska).

Previously, Tomasz was a Vice-Chancellor’s PhD Scholar at Cambridge and a Visiting Research Fellow at the École normale supérieure in Paris. He has contributed to numerous research projects, including the Global AI Narratives Project at LCFI and the Ethics of Digitalization research program at the Berkman Klein Center for Internet and Society at Harvard



## Usha Jagannathan

Usha is a Principal Engineer at McKinsey & Company, bringing twenty years of digital transformation experience in building new technology ecosystems and empowering teams to create products that meet customer needs. Usha focuses primarily on rapid prototyping, architecting, coaching product development teams, and delivering custom digital cloud-native solutions to drive accelerated innovation.

Prior to McKinsey, she worked at a digital innovation research lab for Marsh & McLennan and before that she spearheaded the graduate degree program as a program chair for the IT engineering department at Arizona State University. She pioneered the concept of virtual IT labs immersion for online engineering degree programs to facilitate experiential learning within Arizona State University following her PhD dissertation.

Usha is a passionate STEM advocate and works to increase industry diversity through apprenticeship and work-study programs. She has contributed to several engineering articles and spoken in forums hosted by technical organizations including Women Who Code, Girls in Tech, Grace Hopper Women in Computing, and for Gender Equity in Science and Technology.

Her interest in sustainability is to tackle climate change using technology by making a positive societal impact in creating efficient technology products/solutions to achieve decarbonization. Her research interests are towards building a sustainable cloud journey for the products she builds with her teams, developing responsible AI products involving AI ethics, governance, and focusing on projects involving Smart cities for sustainable urban development. Her recent paper on explainable AI can be found [here](#).

Usha serves on the Industry Advisory Board for Fulton Schools of Engineering at Arizona State University and on the committee board for the AI/ML track for the Grace Hopper Conference event. Usha received her Bachelors in Electronics, Master's in Computer Science from India and earned her PhD in Technology & E-learning from Arizona. She would be happy to connect on [LinkedIn](#).



## Kasia Jakimowicz

Kasia is a versatile digital innovation leader, public speaker and investor dedicated to making a change in the world via technology. Kasia is connecting digital, innovation & startup dossiers across the business & international policy (United Nations, World Bank, European Commission).

Amongst others, she was a Senior Program Advisor for the European Innovation Council, responsible for designing a blended finance accelerator program for 41 countries, as well as Senior Investment and Digital Innovation Expert setting up the EU Fund-of-Funds for Strategic Digital Technologies and greentech. As an Associate Director at the Lisbon Council think-tank, she supported the VP of the European Commission, Andrus Ansip, at the Working Group on Digital Entrepreneurship at the UN Broadband Commission for Sustainable Development.

Prior to that, she worked in multinational corporations developing and launching brands (e.g. PepsiCo, L'Oréal, Mars, Henkel). She also founded a successful social enterprise in education.

She is a graduate of Harvard Kennedy School, Master in Public Administration and an Innovation in Government Fellow'21 at the Harvard Kennedy School Ash Center for Democratic Governance and Innovation & a former visiting mentor at MIT Media Lab Global Ventures (Data and AI for the post-COVID world) where she focused on exploring how technology can solve global challenges.

Kasia is currently a global lead of the International Centre of Digital Innovation, co-founder of Stanford Lead for Boards community, and a lead coach for MIT S+AP HealthTech Ventures and AI&Data Strategies Executive Education courses.

She also holds a masters from Warsaw School of Economics (SGH) and an M.Sc. in Economics and Business Administration from Aarhus School of Business.

**She mentors and invests in startups** across the world with a more specific focus on Enterprise, Fintech, Frontier & Climate.



## Emma Kallina

Emma is a PhD student at the University of Cambridge, focusing on the contributions that UX Research can

offer to implement responsible AI in practice. Supervised by Thomas Bohné and Stephen Cave, she is working in close collaboration with the Leverhulme Center for the Future of Intelligence.

She is harnessing her background in Psychology (BSc, University of Tübingen), Human-Computer Interaction (MSc, University College London), and UX Research (Eva Health Technologies) to understand the needs of stakeholders of AI-based systems. Through case studies including co-design sessions, she is developing a process along the product design and development cycle that enables a user-centered approach to AI. Furthermore, she is developing workshops and tools that help practitioners to include this process in their workflow. Currently, she is focusing on applications in healthcare.

Outside of work, Emma is a passionate boulderer and loves to prepare big meals for friends.





## Angshuman Kaushik

Angshuman Kaushik is an Artificial Intelligence (AI) Law, Policy, Governance and Ethics Researcher, presently, working independently in the Responsible AI space. Till very recently, he was also associated with the Center for Artificial Intelligence and Digital Policy (CAIDP), Washington DC, as a Research Fellow.

Prior to entering the domain of AI, he had the opportunity of being part of both the bench and the bar. In fact, as a Judge and a Magistrate, he disposed off various matters relating to civil, criminal, drug, family, motor vehicles and property laws etc. Further, during his stint on the bench, he got the chance to work closely on matters relating to the investigation of violence in the jails, mediation and the introduction of technology in the sphere of judiciary. He underwent several trainings organized by the high court on offences relating to child sexual abuse, motor vehicles, prevention of money laundering etc.

Before becoming a Judge, he worked as a lawyer, which provided him with the much-needed exposure not only to the fabulous world of litigation but also to corporate and commercial laws, including matters relating to trade, intellectual property, infrastructure laws etc. He also worked on issues pertaining to government procurement, and liaising with government officials etc.

As far as his interests are concerned, they lie in the areas of Artificial Intelligence Law, Policy, Governance and Ethics issues, Data Protection Laws, Quantum Technologies, Blockchain, Criminal, Civil and Corporate Laws, Environmental Law, Human Rights Law, Drafting, Research, Technology and Social Policy, Public Speaking etc.

To add to the above, he is also a regular contributor to the Montreal AI Ethics Institute (MAIEI) newsletter and an Ex Member of the International Association of Privacy Professionals (IAPP). He has also recently, taken up the role of a Legal Counsel with the Humans For AI, on a voluntary basis.



## Julia Keeping

Julia Keeping holds a B.A from Memorial University of Newfoundland & Labrador. She is currently studying

Marine Technology at the Marine Institute in St. John's Newfoundland & Labrador, Canada. Having grown up in Atlantic Canada, she comes from a long line of family members who have made their living on and around our oceans. Julia feels a profound responsibility for tackling issues presented by the current climate crisis, especially as it relates to our marine environments. One of the accomplishments she is most proud of is having planted over 300, 000 tree seedlings by hand. She is currently working as a researcher for the Marine

Institute's CFER (Center for Fisheries Ecosystems Research) division.



### Enock Kiminta

CEO of Kenya National Water Resources Association, Water Resources Management Specialist, Policy Research and M&E Expert.

I am a 'Freshwater Ecosystems advocate' passionate about sustainable development and the nexus between development and conservation and a firm believer that a just world is possible where current and future generations can thrive from the natural capital base the planet provides even in an ever-changing environment.

I have over 13 years' experience in Water Resources Management both Policy and Practice -working with policy makers to influence the policy environment and importantly, with communities to promote Community Based Water Resource Management and Governance. I am currently teaming up with others to explore innovative and impactful solutions for conservation challenges, working through and with young people who make up 65% of Kenya's population.

Care for Nature, Save the future!



## Stanislav Kirdey

Stanislav is an Applied AI Scientist at Netflix and also co-founder and CEO of Vortle.

At Vortle, Stan builds neuro-analytics platform with AI, video games and digital biomarkers designed to measure and support mental health in an engaging and fun ways.

Stanislav is also a member of South Park Commons (SPC) - a community of technologists and builders focusing on exploration of the new and innovative ways to solve problems. SPC also maintains its own VC fund to invest in the community projects and outside companies.

Stanislav is disabled and neurodivergent and spends time in disability inclusion advocacy, especially when it comes to employment opportunities and disability benefits legislation.

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<https://djl.ai/leaders.html>

<https://www.southparkcommons.com/>



### Johannes Leon Kirnberger

Johannes Leon Kirnberger is a policy advisor for AI and sustainability at the AI Unit of the OECD Division of Science, Technology and Innovation (STI). He previously led the program on climate action and biodiversity preservation at the Global Partnership on AI (GPAI) and the International Centre of Expertise in Montreal on AI (CEIMIA). Johannes is a member of the UNEP Expert Group on Digital Tech for Circular Economy, advises the Intergovernmental Panel on Climate Change (IPCC) on the green and digital “twin transition” and serves as guest lecturer at the Technical University of Munich (TUM) on climate change and AI policy. He holds a Bachelor of Science in Management from ESCP Business School, a Master of International Public Management from Sciences Po, and a Master in International Affairs, Energy and Environment from Columbia University.



## Colleen Kirtland

Colleen is a leader, speaker, and writer on topics of Organizational Agility and Complex adaptive systems.

Colleen's professional background as a leader of both Emerging Technology and Organizational Agility has led her to specialize in the study of systems, linear and complex, artificially created and naturally emerging. Over time, Colleen has come to appreciate how Nature inspires us to become helpful stewards of thriving systems, if we quiet the mind and allow the complexity of the universe to unfold before our very eyes. In the past few years, Colleen has volunteered for The Real Organics Project, a farmer-led organization that seeks to help consumers understand greenwashing and appropriation of "Organic" labeling in the US, to such a point

where some "Organic" fruits and vegetables no longer even need to grow in soil. We invite you to explore her Podcasts and interviews- [Learning to create thriving systems from Nature](#), [Re-examining Value through New Economic Paradigms](#), and the [Courage to Travel outside of our Comfort Zones](#).





## Günter R. Koch

Günter, Prof. Dr.hc., is President of the Humboldt Cosmos Multiversity, a Discourse and Education Platform established in Tenerife, Spain. By education being a computer scientist educated at the Karlsruhe Institute of Technology (KIT), he enlarged his competences first as an entrepreneur in software industry specialized in Software Engineering in industrial automation, in a next phase as head of an international competence institute in Software Management set up by the European Commission and European IT industry. His engagement in sequence from 1993 on was heading Austria's largest R&D organization ARC, today called Austrian Institute of Technology (AIT), where he developed and introduced Intellectual Capital Reporting as a method of knowledge management. After he had left ARC in 2003, he initiated a High Level Expert Group under the auspices of the EU Commission on the subject of knowledge reporting. He received several awards, one of them being the 1<sup>st</sup> class decoration for his achievements in science and arts, awarded by the President of Austria, the latest one in 2019 as Dr.h.c. in Romania for his life achievements in science. His current interest and competence is in sustainability economics.



## Kashyap Kompella

Kashyap is an award-winning industry analyst, best-selling author, educator, and AI advisor to leading companies and start-ups in US, Europe and Asia-Pac.

Currently, Kashyap is the CEO of the global technology industry analyst firm RPA2AI Research. RPA2AI advises global corporations, venture capital / private equity firms and government agencies on AI Investments, Enterprise AI, AI Governance, AI Audits and AI Ethics.

Kashyap is also the founder of AI Profs, whose mission is to democratize AI education and equip public and private sector workforces with the right skills for the future.

Kompella is co-author of the Amazon bestseller [Practical Artificial Intelligence](#). He is an invited speaker at several global conferences on AI and other emerging technologies and their impact on industries and careers.

He is a visiting faculty on transformative technologies for the Institute of Directors. Kashyap is a certified yoga teacher.

He has a bachelor's degree in electrical engineering, a Master of Business Administration degree and a master's in business law. He is also a CFA Charter holder.

Find [Kashyap on LinkedIn](#)



### Jonathan Kurniawan

Jonathan is an AI Governance professional at Prodago, helping companies towards responsible AI development that is effective, compliant, and principled. He also works with the Center of AI and Digital Policy as an AI Policy researcher, and with ForHumanity on their body of knowledge regarding AI audit criteria. He also leads the AI governance practice at the Indonesian AI Society (IAIS) and mentors data science talent in the Southeast Asia region.

Previously, he led 40+ data scientists, analysts and growth specialists in high-growth startups in Asia Pacific, and led the development of Open Data Science. Jonathan holds an MBA, Masters degree in Disruptive Innovation, and Bachelors in Engineering, Computer Science.

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## Luis Lamb

Luis Lamb is Professor of Computer Science and AI at the Federal University of Rio Grande do Sul (UFRGS), Brazil. He holds a PhD from Imperial College, London and is currently at the MIT Sloan Fellows MBA Program, class of 2023.

Lamb has been an AI, innovation, and technology researcher for over 20 years. He has been a pioneer of Neurosymbolic AI research, having co-authored a seminal book in the field, publishing at flagship venues, and spoken widely about the perspectives of AI and innovation in academia, industry, and government.

Lamb was Vice President for Research at UFRGS University from 2016 to 2018, Dean of the Institute of Informatics (2011-2016), and Vice Dean from 2006 to 2011. During the vice presidency term, Lamb led the University's Research Strategy, Organization, and Budget Planning: he led successful project proposals raising over Brazilian R\$ 10 million for research infrastructure, co-created an undergraduate research scholarship program for diverse and low-income students, now benefiting 200 students, and coordinated Large Infrastructure Research Grants fundraising.

As Dean and Deputy Dean he worked towards projecting the Faculty impact, leading it to be rated consistently as a top 5 computer science graduate and undergraduate program in Brazil. Lamb co-led the Alliance for Innovation between the state capital's three largest universities (UFRGS, PUCRS, and Unisinos) in the 1.5 million Porto Alegre city, and managed a successful strategy for innovation ecosystem implementation in the state's capital.

He was then invited to create a new state department for innovation, science, and technology. As state secretary, he led a large-scale innovation, science, and technology strategy in 11.5 million people State of Rio Grande do Sul for the period 2019-2022. The policies supported and funded regional innovation ecosystem projects across the cities of the state territory. As a result, the state was ranked first in innovation by an independent study by the Center for Public Leadership (CLP) in 2022.

During the pandemic, Lamb chaired the state's data committee (Dec 2020 to Jan 2022) and the state's 50+ member scientific committee from March 2020 to Jan 2022. The state was recognized by the Institute of Applied Economic Research, from the Federal Government, as making the best use of evidence to confront

Lamb has been the Ambassador of the Brazilian Network of Artificial Intelligence, created by Brazilian Company of Research and Industrial Innovation (EMBRAPII) and since 2021 he advised AI initiatives carried out by EMBRAPII. Lamb was also the Coordinator of the National Advisory Committee on Computer Science from 2014-2015, responsible for the evaluation of all proposals submitted for funding by Brazil's National Research Council - CNPq.



## Ruth Lewis

[Ruth Lewis](#), (BE (Elec), Grad Dip Digital Communications, Master of Strategic Foresight) is an experienced strategic IT consultant, qualified futurist and professional engineer based in Melbourne, Australia, having worked across many industries, sectors and technologies with a particular focus on the innovative and ethical use of digital technology in business and in society. Ruth's career has spanned 30 years developing and designing IT solutions for her clients, as a network engineer, senior technical consultant, solutions architect, business analyst and Technology Foresight professional. Her expertise is in introducing new technologies to business, creating managed services and creating innovative governance models within organisations. Ruth's passion is to work towards the ethical and sustainable development and use of technology for the good of society, enabling her clients to make wise and informed decisions and investments today to enable their preferred futures.

Ruth is the Chair of the IEEE Society on Social Implications of Technology (SSIT) Standards Committee, is a member of the IEEE Standards Association's AsiaPac Regional Advisory Group, is the Standards Coordinator for the IEEE SSIT Australia and IEEE Victorian Section, and was an active contributing member of the IEEE 7000TM-2021 Standard Model Process for Addressing Ethical Concerns during System Design.





## Ran Liu

Founder of [Ontopology](#), Co-Founder of [CellX](#), Co-Founder of [Cellular Agriculture Alliance](#), Ran Liu has an MBA from Stanford University. For more info, see his [LinkedIn entry](#).



### Marlon Patrick P. Lofredo, PhD

Prof. Dr. Marlon Patrick Lofredo, PhD is a Professor and Member of the Board of Governors of the American University of Sovereign Nations, Arizona, USA, and the Director of the Center for Innovation and Research, St. Paul University Quezon City, Philippines, and at the same time a faculty member of the Department of Natural Sciences, Department of Health Sciences, and Department of General Education of the College of Arts, Sciences and Education of the same University. He is currently the Vice President of Asian Bioethics Association. He delivers lectures and research presentations in different countries and organizations on topics related to bioethics, ethics in science and technology, public policy, among others. He also serves as Director of the Foundation for the Support of the United Nations, Japan/Philippines, and member of different international organizations on research, ethics, health care, etc.



### Maïke Luiken, PhD, SMIEEE, IEEE-HKN, FEIC

**Maïke served as the 2021 IEEE Vice President - Member & Geographic Activities and as President of IEEE Canada in 2018 - 2019.** She is, and has been for more than 20 years, a very strong supporter of sustainable development.

She is a managing director, R&D, at Carbovate Development Corp., a start-up company, and an Adjunct Research Professor at Western University, Canada.

Maïke Luiken has more than 30 years of professional experience in teaching, applied research and educational administration, leadership and community building; especially in linking industry partners, government agencies and researchers in advanced technology initiatives.

In Sarnia, Canada, she led the Bluewater Sustainability Initiative, 2006 – 2013, and was the founding Director of the Lambton Manufacturing Innovation Centre. For eight years, she served as a Dean at Lambton College with various portfolios: School of Technology, Sustainable Development, Applied Research. Her strategic leadership in the development of the applied research & innovation capacity and portfolio led to Lambton College becoming one of the top Research Colleges in Canada.

Her areas of interest and expertise span diverse technical areas from ICT, energy, and water to advanced manufacturing. She has particular interest in how progress and deployment of various technologies contributes – or not - to achieving sustainable development.

She is currently serving/has been serving on numerous Boards of Directors and Committees, including IEEE, IEEE Canada, IEEE Canadian Foundation, Canadian Standards Council Steering Committee for the Canadian Data Governance Standardization Collaborative, Tech-Access Canada (founding member), Unmanned Systems Canada, Nano Ontario, Colleges Ontario Network for Industry Innovation (CONII), Ontario Centres of Excellence (OCE) Advanced Manufacturing Sector Advisory Board, Sarnia/Lambton Workforce Development Board, Sarnia/Lambton Chamber of Commerce, Rotary Club of Sarnia Foundation Board.

Maïke Luiken obtained her Staatsexamen in Mathematics and Physics from the Technical University Carolo-Wilhelmina in Braunschweig, Germany, and her Ph.D. in Physics from the University of Waterloo, Canada.

Maïke has experience in the public and private sectors in Canada and has worked in the USA and Germany.



## Björn Lütjens

Björn Lütjens is a PhD Candidate at the Human Systems Laboratory in the MIT Department of Aeronautics and Astronautics. His research is tackling climate change with machine learning, little-by-little, together with Prof. Dava Newman, Cait Crawford, and Chris Hill.

He is concerned that running a high-resolution (1km) climate model can take multiple weeks on the world's largest supercomputers; consuming the same electricity a coal power plant would generate in one hour. To overcome the computational complexity, they are reshaping machine learning models into fast copies, or 'surrogates', of climate models. The core difficulty is to ensure trust and physical-consistency in the surrogates, such that policy- or decision-makers can trust the machine learning surrogates.

His research has won grants by NSF, Climatechange.ai, ESA, Portugal Space, NASA, IBM, Microsoft, NVIDIA, MIT Pkg, and MIT Legatum. He advised two teams of senior researchers at the NASA/SETI Frontier Development Lab, co-founded the ForestBench Consortium, interned with IBM Future of Climate and BRT (John Deere), earned an M.Sc. from MIT in safe and robust deep reinforcement learning, and a B.Sc. from TUM in Engineering Science. He also windsurfs poorly, jams, jokes, and love meeting new people - you are no exception - please don't hesitate to reach out. More at <https://blutjens.github.io/>



## Eleni Mangina

Eleni carried out her PhD work at the University of Strathclyde (UK), Department of Electronic and Electrical Engineering, working on Agent-based applications for intelligent data interpretation (1998-2001). The research area focused on software analysis, design and development of multi agent systems, which utilize different Artificial Intelligence (AI) techniques (Knowledge based systems, Artificial Neural Networks, Case Based Reasoning systems and Model based Reasoning systems).

Eleni Mangina holds an M.Sc. in Artificial Intelligence from the Department of Artificial Intelligence at University of Edinburgh, UK and an MSc in Agricultural Science from Agricultural University of Athens, Greece. In 2002 she joined the School of Computer Science, at University College Dublin, Ireland. Dr Eleni Mangina is currently Professor at the School of Computer Science, University College Dublin in Ireland and the Vice Principal (International) for College of Science.

Eleni Mangina is guided by her own definition of the art of persistence, that involves both courage and compassion with research integrity and authenticity. Her lab operates at the intersection between applied Artificial Intelligence (VR/AR; Data Analytics; UAVs; Information Systems) and a portfolio development within interdisciplinary applications (i.e. Energy Sector and Educational Systems with XR). Eleni Mangina has extensive experience for the last 20 years in National, EU and International funded projects and she is project coordinator of two (2) H2020 projects (ARETE & AHA), one (1) Erasmus+KA2 (FANTASIA) and partner within other H2020 projects (i.e.iSEED) and three (3) Erasmus+ projects (XRforPed, BASE, RoboPisces). She is funded investigator as part of SFI Energy Systems Integration Partnership Programme (ESIPP), NEXSYS and academic supervisor for two (2) SFI Centres for Research Training (CRT) (Machine Learning – ML-Labs; Digitally-Enhanced Reality – D-REAL).

She has authored more than 200 peer-reviewed articles in national and international peer reviewed workshops and conferences and international journals, including in IEEE and ACM. Eleni Mangina also contributes as a committee member for reviews to many international conferences and journals. Eleni Mangina also contributes actively to IEEE Standards and is the Executive Editor for the publications of the IEEE Global Initiative on XR Ethics. She is currently the Chair of Athena SWAN Bronze Award application for the School of Computer Science.

<https://people.ucd.ie/eleni.mangina/>

<https://www.linkedin.com/in/prof-eleni-mangina-0251a8/>

<https://twitter.com/elenimangina>





### Dr Monika Manolova

Monika Manolova holds a PhD in geographic information systems (GIS) from Sofia University 'St.

KlimentOhridski', is a cum laude graduated with excellence as M.Sc. in planning and governance of territorial systems and a bachelor in regional development and politics. Monika has experience as GIS expert on several complex regional projects. She has expertise with a multitude of specialized GIS software systems ArcGIS, QGIS, MapInfo, GeoServer, MapServer, PostGIS, OpenLayers. GDAL for raster data. Has multiple certifications in Microsoft Azure, Microsoft SQL Server, C#, Python coding and visualization for data science.

Apart from her technical background, Monika is a Digital Ecosystems Expert for the Digital National Alliance in Bulgaria and a member of the DIH AgroHub BG with a focus on inclusion, equality, and smart growth for communities. Monika is a member of the EIP SCC group on smart mobility and the EIP SCC group on citizen control of personal data, a MKAI champion for equality (2021) and mission-driven contributor for education and open innovations in ML, data science, and AI.



### **Luke Martiros**

I interview people from around the world and showcase the love and genius of humans on my show [Why It Matters](#).

I am building an app around my show to connect people based on what SDG (sustainable development goal) they're interested in).



### Mike McMeekin

Mike is one of the founders of Engineering Change Lab-USA. He took on the role as ECL-USA's first President / Executive Director in August 2019. McMeekin served as President of Lamp Rynearson, an engineering, landscape architecture and surveying firm headquartered in Omaha, Nebraska, from 1997 - 2017. Following his tenure as President, he served as Chairman of the Board and Senior Advisor from 2017 - 2021. He has over 45 years of engineering experience and has played a leadership role in numerous signature projects in the Omaha area. Mike is a graduate of the American Council of Engineering Companies' Senior Executives Institute, an advanced management, leadership, and public policy training program for current and emerging leaders of engineering and architectural firms. Mike is deeply involved in the Omaha-area community, including recently serving as Chairman of the Board of Directors of Omaha by Design and Chairman of the Board of Directors of ACE Mentor Omaha.

You can learn more about Engineering Change Lab - USA at [www.ecl-usa.org](http://www.ecl-usa.org). We invite all participants in Planet Positive 2030 to sign-on in support of our Climate Change Noble Purpose Statement for the Engineering Community (<https://ecl-usa.org/climate-change/>).



## Ashley McNeil

Ashley, a native of Alexandria, VA graduated from Spelman College with a degree in Economics and from

American University with a Master's in Public Policy. After her studies at American, she began a career in political fundraising working for local, state, and federally elected officials. Ashley honed her skills while working with the Maryland Democratic Party and as Vice President at Angerholzer Broz Consulting, the largest PAC consulting firm in DC. In her last role, she was the Director of Battleground Fundraising at the Democratic Congressional Campaign Committee where she oversaw the fundraising operation and campaign strategy for Frontline Members and Red to Blue Candidates. During her tenure, her team raised a record breaking \$48million.

Additionally, Ashley is the Student Recruitment Chair for the DC Alumnae Chapter of Spelman College and Treasurer for the Parent Advisory Board at Washington Yu Ying.

Ashley is the mom of two sons. In her spare time, she is an avid cyclist, loves to travel, foodie, and is occasionally a fanatical sports fan. She resides in Northeast DC.



## Christina Merl

Christina Merl (PhD) has a background in translation science, journalism, communities of practice, and training development. Her expertise encompasses an analytical and creative approach towards the design, implementation and facilitation of hybrid collaborative learning experiences in interdisciplinary, cross-hierarchical and multilingual settings.

Christina's integrated 2CG® methodology mix (2CG = content & context-specific generic competency coaching) supports modern-day learners in higher education, the corporate and non-profit sector, who want to build and practice 21st century skills with a focus on communication skills, creativity and imagination, critical and connected thinking skills and team skills to effect change in the real world. Christina Merl is founder of TalkShop/2CG® and President of Poetry in Business, a non-for-profit association that aims at promoting the development of 21st century skills with customised impulses from literature, poetry, puppetry, visual art, dance and music.

Her paper "Fostering 21st Century Skills in Engineering Students. 2CG®: A Contemporary Teaching Approach" won the Best Paper Award at the International Conference on INteractive Collaborative Learning (ICL 2018).

Web: <https://www.christinamerl.com> and [www.poetryinbusiness.cc](http://www.poetryinbusiness.cc)

LinkedIn: <https://www.linkedin.com/in/christinamerl/>



### Laura Meyer

Laura Meyer is a law student specializing in international law of the sea, preparing the State Exam scheduled for June 2022. Her personal experience in shipping law was challenged during the International Maritime Law Arbitration Moot once as a participant and afterwards as the Team coach.

She has enthusiastically combined her academic focus on marine law with the passion for water, advocating the sustainable and environmental responsibility for the ocean. She is an active sailor herself, and has attended several conferences like Ocean Business 2021 and Oceanology 2022. Through her work with the German Maritime Center and her internships at the Federal Maritime and Hydrographic Agency and at the Society for Underwater Technology she was impressed by environmental topics. This summer she will be interning with the Oceanic Engineering Society working for the UN Ocean Decade committee to strengthen the awareness of sustainable development towards a more sustainable ocean. She discovered that she is very fortunate to speak several languages (german, dutch, english, spanish) and her aim for the future is to use them to create an impact for the conservation of our planet and expand her interest in the international work environment.

<https://www.linkedin.com/in/laura-m-8472081b9>





## Chuck Metz, Jr.

THIS RANDOM SENSE OF WONDER

Writing | Research | Science & Technology | Future | Business Culture

Chuck Metz, Jr. is a writer and researcher. Trained as an historian, his undergraduate and graduate work was in Social and Cultural History with a concentration in Ethics and Morality. Transitioning into Communications, he has worked within companies in the health, technology and manufacturing sectors.

He has written *This Community of Companions*, a 368-page illustrated history of Bush Brothers & Company, as well as overseen the content and design development of the company's history museum within its national visitor center. He has also written *Three Mile Island and Beyond: Memories of a Life in Nuclear Safety*, the story of the 1979 TMI nuclear accident and memoir of Harold Denton, Director of the Nuclear

Regulatory Commission's Office of Nuclear Reactor Regulation. Denton gained national attention when he was made U.S. President Jimmy Carter's personal spokesperson during the accident.

Passionate about science, he is currently actively involved in research around AI ethics, ethical concerns within the evolving metaverse, and the social and cultural challenges summarized within biologist E.O.

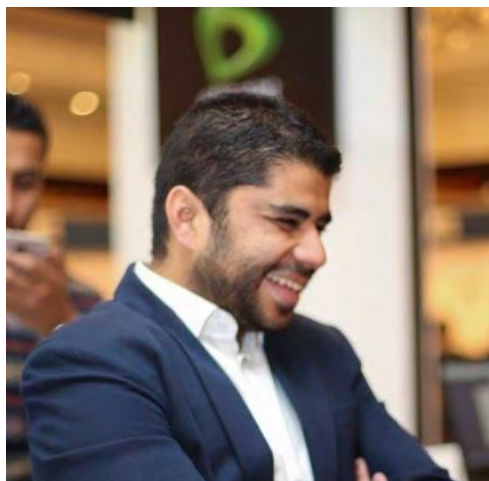
Wilson's well-known quote: *"The real problem of humanity is the following: We have Paleolithic emotions, medieval institutions and godlike technology. And it is terrifically dangerous, and it is now approaching a point of crisis overall."*



### Jose Meza

Jose is a Peruvian IT Engineer with more than ten years of experience in the IT field. In 2019 he moved to

Australia to pursue a Masters of Information Technology (major in Business Information System, submajor in Data Analytics) at the University of Technology Sydney which he finished last year. His research project was focused on AI Ethics Frameworks, which is how he came to know and love the Ethics field. Due to his project, he obtained a job as a casual academic at the University of Technology Sydney teaching Introduction to Artificial Intelligence, which is the current job he has. His plan is to stay in Australia as an AI Ethics professional.



## Khaled Mokhtar

Khaled is currently managing the Emerging Technologies & Innovation function at Etisalat UAE. Previously, he worked as a Project Manager for Google, Information Associate for HP, Innovation and Technology Sr.

Consultant for the Dubai Government and Program Manager for Etisalat Misr.

Khaled is Judge and part of the Global Judging Committee in NASA Space Apps Competition, also a Judge in the Arab IoT Challenge.

Distinguished Speaker in 5G World Summit London, IEEE Region 8, 5G Asia Summit Singapore, Network Virtualization event Madrid and many other global events.

He is a Computer & Systems Engineer graduated from the Faculty of Engineering at Ain Shams University; and is certified from University of California (Berkeley) in Technology Entrepreneurship & Mentoring Innovative Technology Startups.

Khaled is also an IEEE senior member & IEEE HKN professional member, where he held several global volunteering roles, serving as the Chair of the Credentialing Program Committee in the IEEE Educational Activities Board, was member of the IEEE Industry Engagement Committee, and ex-member of the IEEE Region 8 Strategy and Conferences Coordination Committee (Europe, Middle East and Africa).



### Monique Jeanne Morrow

With over 25 years of experience as a global technology leader, Monique Morrow has established a proven track record of success in driving business growth and innovation through emerging technologies.

She holds several industry advisory positions and most recently Venture Partner Sparklabs Accelerator for Cybersecurity and Blockchain, Wash D.C. Monique is also an Independent Director on the [Hedera](#) Hashgraph Board of Directors where she focuses on articulating Hedera enterprise value for the telecommunications industry.

In Monique's previous role as Senior Distinguished Architect for emerging technologies at Syniverse Technologies, she provided thought leadership and developed the strategic direction and vision for Syniverse's emerging technologies across the company, partners and industry forum.

Monique's expertise is in cybersecurity, privacy, mobile payments, ethics in extended reality and distributed ledger technologies, for example, blockchain.

She has worked across the industry including AMD, Ascom Hasler, Swisscom and Cisco, and has been active in the start-up community. Additionally, Monique is President and Co-Founder of the Humanized Internet a Swiss-based non-profit with a focus on digital identity, and ethics in technology. Monique's industry leadership includes the following examples:

Monique chairs the IEEE P.7030 Global Extended Reality Working Group, Recommended practice for the assessment of Extended Reality Technologies. She also Chairs IEEE P.7016, "Standard for Ethically Aligned Design and Operation of Metaverse Systems." Monique was Co-Chair of the GSMA-Distributed Ledger

Technology [DLT] group and served as Syniverse's representative in the World Economic Forum [WEF] Data Policy Council and Digital Justice. Monique has contributed to the WEF-Wharton School Paper on the

"Decentralized Autonomous Organization Toolkit." She is active in WEF's Digital Identity initiative. Monique recently contributed to the GSMA, Vodafone, IBM Chaired white paper entitled, "Post Quantum Telco Network Impact Assessment."

Monique has been recognized in the industry for her tireless focus on social good. She holds over 17 patents and has co-authored several books. Amongst Monique's accomplishments include the following: Monique was selected as one of the top Digital Shapers 2018 in Switzerland. Forbes Magazine listed Monique Morrow as one of the top 50 women globally in technology. OneWorldIdentity recognized Monique as one of the top 100 influencers in identity for 2019. In May 2019, Monique was recognized by Cybersecurity Ventures as one of the top 100 women in Cybersecurity. In March 2020, Monique was one of several innovators featured in Red Bull Innovator Magazine. In April 2020, Monique was selected as one of the 5 leading figures in Business by the Europa Forum Lucerne [Switzerland] specific to its theme, "Safety and Security in Times of

Uncertainty." Monique is also the 2020 winner of the WomenTech Network Global Technology Leadership award. Monique has been recognized in 2021 as one of the top 100 Women in Cybersecurity in Europe.

Monique was named by Chief in Tech as one of the top 100 Women in Tech Leaders to watch in 2022.

Monique has an MSc in Digital Currency and Blockchain; an M.S. in Telecommunications and MBA. Monique is also a Doctoral Student in Cyberpsychology at Capitol Technology University.

Connect with [Monique Morrow on LinkedIn](#)



### Dr. Manijeh Motaghy

Dr. Motaghy is a compassionate soul, author, international speaker, teacher, and trainer. She is the founder of Perfectly Here and has designed, published, and implemented numerous training models including COMANDS: Seven Skills/Traits of Effective Leadership, Mindful Employees (ME), and countless other courses. Dr. Motaghy's cumulative work is a comprehensive training model called Life Intelligence: A Three-Dimensional Mindfulness Approach and the Human Software Optimization Model copyrighted in 2020.

She is an Organizational Psychologist, certified by Mindful NYU to lead and develop Conscious Leaders and Teams, a Certified Mindfulness Facilitator by the UCLA Department of Psychiatry and Board of Behavioral Sciences, and an Authorized MAPS Teacher for UCLA Mindful Awareness Research Center.

She is an AI Ethics and Imperatives enthusiast and a contributor to two committees to further the success of the Stanford Planet Positive 2030 project.

Her [20 Year Vision](#) is to Regenerate Humanity and the Planet to leave a better world for this and future generations by training the global community on how to live in an interdependent reality with consideration for all life so that everyone and everything can flourish.

She has led 100+ daylong retreats and designed and taught hundreds of mindfulness courses, workshops, presentations, and training for both private and public academic sectors such as Disney Imagineering, Health Net of California, Motion Picture Television, LAUSD, California State Universities, Campbell Hall, Chapman School of Law, and at both state-wide and global professional conferences. For a full resume go [here](#).





## Abhijit Mukherjee

Prof. Abhijit Mukherjee, PhD (Hydrogeology) graduated from the University of Kentucky, USA (2006) and completed postdoctoral work at the University of Texas at Austin, USA (2006-2008). He has previously done two Masters, one from the University of Calcutta, and other from the University of Kentucky, along with a Postgraduate Diploma in Computation Engineering.

He served as the Physical Hydrogeologist at the Alberta Geological Survey in Canada (2008-2010). He is currently Professor at the Department of Geology and Geophysics, and School of Environmental Science and Engineering at the Indian Institute of Technology Kharagpur (IIT Kharagpur), India. He has published more than 100 International journal articles. He serves/has served in Editorial role in the Journal of Hydrology, Applied Geochemistry, Journal of Earth System Sciences, Scientific Reports, ACS ES&T Engineering.

Prof. Mukherjee's main research areas are physical, chemical and isotope hydrogeology, including numerical modeling, computation, contaminant transport, water policy applications. He is globally known for his studies on geological and human-sourced groundwater pollution (e.g. arsenic, fluoride, sanitation-borne and emerging contaminants) in more than a dozen countries, water quantity estimates including application of advanced computation and Artificial Intelligence techniques.

For his work on groundwater, among several accolades, Prof. Mukherjee has been conferred the National Geoscience Award 2014 by the President of India, Kharaka Award in 2020 by International Association of Geochemist, inducted as Fellow to Royal Society of Chemistry (2020) and the Geological Society of America (2021), named as top 75 leading Scientists and Experts who are under 50 years of age. He is presently serving in the Council of the Geological Society of America. He was awarded the Shanti Swarup Bhatnagar Prize in 2020, regarded as India's highest science award.



## Joel Myers

CEO, DOMILA Limited, Dublin, Republic of Ireland - Chair of Smart Cities for IEEE IoT - Chair of IEEE Global Cities Alliance

Joel Myers is an IT engineer, entrepreneur and leading international technologist, specializing in the creation and development of innovation technology solutions in Cultural Heritage, Tourism, and Smart Cities, working internationally with state and local governments (Italy, UK, USA and Mexico), universities (including Harvard, UCLA, University of Virginia, Polytécnico di Milano, Universidad de Guadalajara) and industry (including a partnership with Google Inc., Mountainview, CA).

His company, DOMILA, owns and manages a digital platform called IoP (the “Internet of People”) that provides socio-economic recovery for cities, through a micro-currency called *Hoozies*. It has

been successfully piloted by the Mexican State Government of Jalisco to the 8.2 million people living and working there and its 1000s of small businesses to support the local economy during and post-COVID-19 and restimulate growth. The next municipality to launch the IoP platform is New York City in 2021. One of the end-products of the IoP platform is unique “real-time” urban intelligence that flows in from cities, on the population’s demographics, ongoing business transactions, mobility, health and social community interactions, based on the use of the micro-currency, Hoozies TM and AI/ML. Real-time reporting and analytics then offers city leaders and stakeholders an in-depth understanding of the complex and intricate behaviors that makes a city function. Municipalities may closely monitor the effects of their operations and policies, and predict issues in order to avoid them.

As Chair of Smart Cities for IEEE IoT, Joel Myers has been focusing his working group on the redefinition of the digital transformation of urban environments from a truly “People-Centric” focal point. Exploring the goals of the smart city industry movement juxtaposed with the need for humanity to remain connected as physical people. This “People-Centric” approach is leading to a far greater multi-disciplinary approach to collaboration between the technology industry of IEEE IoT and its communication with smart city leaders and stakeholders from: urban planning; infrastructure and engineering; finance and economics; community engagement; cultural heritage and tourism; sociology; law and governance; and so on.

The work carried out by Joel Myers has been published in international newspapers and journals such as the BBC, New York Times, Hong Times, the Hindu Times, Wired, and Forbes Magazine.



## Rajesh Nair

Rajesh has more than 30 years of experience in Oceanography and the Marine Sciences, with a strong experimental background, extensive field skills, and “hands-on” knowledge of a wide variety of marine instrumentation and measurement realities. As part of the permanent staff of the Centro di Taratura e Metrologia Oceanografica (CTMO), the oceanographic calibration and metrology facility of the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (National Institute of Oceanography and Applied Geophysics) - OGS, which he helped set up in 2002, his present activities and interests focus on marine

observing technologies, including calibration, control and testing of instrumentation, and the application of metrological principles to measurement quality assurance both in the laboratory and in the field. He is actively involved in marine research at both the national and EU (European Union) levels, and internationally. Rajesh co-led Work Package 2 (“Harmonization of technologies and methodologies - technical strategy) of the EU Horizon 2020 project, JERICO-NEXT (Joint European Research Infrastructure network for Coastal Observatory - Novel European eXpertise for coastal observaTories; 2015 - 2019), and was the leader of Work Package 5 (“Data management and distribution”) of the EU FP7 (Seventh Framework Programme) project, JERICO (Towards a Joint European Research Infrastructure network for Coastal Observatories; 2011 - 2015). Presently, he is responsible for Task 5.4 (“Performance Monitoring for the operation and integration of JERICO-RI platforms”) of WP5 (“Harmonisation of integrated Multiplatform & Multidisciplinary systems”) of the EU Horizon 2020 project, JERICO - S3 (Joint European Research Infrastructure of Coastal Observatories - Science, Service, Sustainability; 2020 - 2024), and is co-leading Work Package 2 (“Promoting Operational Integration through Harmonization of Procedures”) of another EU Horizon 2020 project called MINKE

(“Metrology for Integrated Marine Management and Knowledge-Transfer Network”, 2021 - 2025). In addition, Rajesh is one of the Italian national representatives in the EU’s JPI Oceans (Joint Programming Initiative - Healthy and Productive Seas and Oceans) European Marine Sensor Calibration Network Joint

Action. He is also currently co-chairing the Technology Panel Working Group (TPWG) of the European Global Ocean Observing System (EuroGOOS), the European component of the Global Ocean Observing System (GOOS), and collaborates actively in the work of IOC-UNESCO’s Ocean Best Practice System.

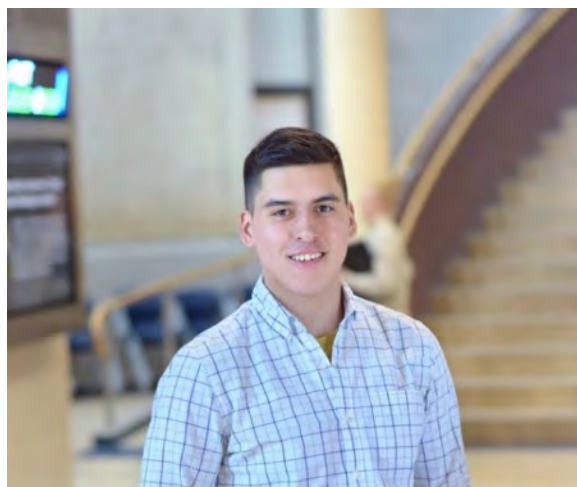


### Dr. Anand "Sunny" Narayanan

Sunny is currently a Research Professor at Florida A&M University - Florida State University (FAMU-FSU). As a first-generation, immigrant, Indian American from a disadvantaged background, Sunny has held a life-long interest in encouraging diversity through educational outreach and interdisciplinary projects. Sunny holds a Ph.D. from Texas A&M University in Medical and Space Physiology, and B.S. degrees from West Virginia University in Mechanical Engineering and Biology. Sunny took his first professional steps with NASA supporting systems engineering computational projects at the Katherine Johnson Independent Verification and Validation Facility, completing team-based design-build-fly projects through NASA's Microgravity University program, and conducting nanotechnology biomedical research as a Ronald E. McNair Scholar.

He continued his academic steps at Texas A&M University, supported by the National Space Biomedical Research Institute for his doctorate to study physiological adaptations of astronauts during their journey in space. While his research focus was of the lymphatic and immune systems' adaptations to spaceflight and clinical conditions, Sunny also led and supported interdisciplinary projects on topics including musculoskeletal, digestive, and cerebral science. His doctoral work also involved opportunities at Brookhaven National Labs, International Space Station spaceflight biomedical projects (Rodent Research-3, 9, and 18 and Rodent Research Reference Mission-2), National Institutes of Health, and NASA Kennedy and Johnson Space Centers. Now as a Research Professor, he continues his support of NASA's space program, leading and supporting multiple biomedical studies investigating the physiological effects of deep space radiation, Lunar, and Martian gravity, relevant to our human space exploration goals as we return to the Moon and beyond through the Artemis program. He is also a Co-PI for a global health collaborative program at FAMU-FSU, with various projects addressing healthcare and environmental inequities in developing countries through sustainable, inter-disciplinary, and multi-cultural approaches.

Finally, Sunny is encouraging of individuals from all backgrounds demonstrating interest in aerospace careers. He is involved and serves as an advisor for organizations including Astronaut Scholarship Foundation, Students for the Exploration and Development of Space, Zed Factor Fellowship, Global Brigades, Space Generation Advisory Council, Lymphatic Education & Research Network, to inspire and support the next-generation of STEAM leaders.



### Dakota Norris

Dakota is a member of the Gwich'in Nation, current Master of Environment and Sustainability student, and Coordinator, Northern and Indigenous Sustainable Energy Initiatives at the University of Saskatchewan. He is also a Youth Climate Lab Associate, Indigenous Representative on the federal Sustainable Development Advisory Council, and Global Catastrophic Risk Institute Fellow. He brings several years of experience working across youth, Indigenous and climate spaces, often leading research and projects at their intersection.







### Shannon Mullen O'Keefe

A lover of wisdom, I'm dedicated to imagining what we can build and achieve together.

I am Chief Curator of a project called [The Museum of Ideas](#). The purpose for The Museum is to acquire, conserve, research, communicate and exhibit the tangible and imaginable benefits of deep thinking in order to promote and foster dialogue, curiosity, and reflection on the now that will help us to build better futures for ourselves, our constituencies, our communities, and our companies. Through The Museum I collaborate with thinkers to contribute ideas through writing and other projects.

My writing is available on Medium.com, in The Startup, Curious, OneZero, the [Journal of Beautiful Business](#), 10MoralQuestions.com, EateDigital.com and [Gallup.com](#).

I am a founding member of the [Q Collective](#) created in order to ask moral questions of technology leaders that will help us raise the bar for humanity.

I recently served as the Board President for a local nature-based nonprofit organization for which I earlier served as the Interim Executive Director. The organization has a mission to provide a place where people can experience and enjoy the quiet wild of nature and activates this mission through conservation efforts, educational programs, and raptor education efforts. I enjoy lending my support for the organization and devoted team that works to inspire current and future generations to care for the natural world.

I received a master's degree in law and diplomacy from the Fletcher School of Law and Diplomacy at Tufts University; my program included coursework at the John F. Kennedy School of Government at Harvard University and the Harvard Business School. I also earned certifications in leadership and management and strategic management and international consultancy from Tufts University.

In my earlier career I served as a leader to a global team of workplace consultants for years.

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## Sanjana Paul

Sanjana is a researcher at MIT's Senseable City Lab in the Department of Urban Studies and planning, and the co-founder and executive director of The Earth Hacks Foundation (Earth Hacks), an environmental hackathon organization. She holds a bachelor's degree in electrical engineering and physics. Previously, she worked as an atmospheric science software developer at NASA, an NSF REU participant in extreme ultraviolet engineering in the Kapteyn-Murnane Lab in JILA at the University of Colorado Boulder, and as a Conservation Innovation Fellow at Conservation X Labs. Her primary research interests include air quality, renewable energy, environmental and energy justice, cities, and nature-based solutions for rapid and equitable decarbonization. LinkedIn: <https://www.linkedin.com/in/sanjana-paul-79081a111/>



## Krista Petäjälä

Krista Petäjälä is a Finnish artist-developer, working to facilitate forward the dialogue of arts in innovations and societal renewal. Her background is in performance art, and from this experience she serves as an intermediary to connect artists into contexts of innovations and societal development. Her premise is that arts is one key medium for new knowledge and insight and has an essential role in the shift towards sustainability. Her work is to design and facilitate new practical process methodologies of arts in innovations, gather evidence, lecture, mentor and advocate for the cause.

Currently Petäjälä works as an expert in creative cross-innovations at the Northern Dimension Partnership on Culture NDPC in Riga, Latvia. As an international public body of 10 stakeholder countries NDPC works to enhance creative cross-innovations in the region of Northern Europe (Nordic countries, countries around the Baltic Sea). NDPC is promoting practices, skill-building and policies to acknowledge the relevance of arts, culture and creative fields in new innovations and sustainable development.

Petäjälä is a PhD candidate at the University of Lapland Faculty of Arts and Design researching the value of arts in cross-disciplinary contexts and innovations. At her home community Kirkkonummi, Finland, she serves as a council member as a representative of the Green Party.

LinkedIn  
photo: KasparsTeilans



## Cynthia Picolo

Lawyer, Bachelor of Laws from PUC-Campinas (Brazil) and LL.M. in Public International Law from Leiden University (the Netherlands). She is also an expert in Artificial Intelligence and Privacy and Data Protection.

She is the executive director of the Laboratory of Public Policy and Internet (LAPIN), an independent, non-profit research-and-action center based in Brasília (Brazil) with a multidisciplinary composition. Its objective is to support the development of public policies and regulation of digital technologies through research, advocacy, strategic litigation and awareness-raising. She is responsible for the working groups on Artificial Intelligence, Surveillance, Disinformation and Data Governance & Digital Economy.

Cynthia has contributed to Brazilian debates on AI regulation, especially within the National Congress and in the context of the Brazilian Strategy for Artificial Intelligence. Also, she coordinates the working group on Artificial Intelligence in the Rights in Network Coalition, a network of entities that brings together more than 50 academic and civil society organizations in defense of digital rights.

She has also experience in corporate departments in Brazil and abroad.

[Linkedin](#)



## Edson Prestes

Edson is Full Professor at Institute of Informatics of the Federal University of Rio Grande do Sul, Brazil. He is leader of the Phi Robotics Research Group and CNPq Research Fellow. He received his BSc in Computer Science from the Federal University of Pará (1996), Amazon, Brazil, and MSc (1999) and PhD (2003) in Computer Science from Federal University of Rio Grande do Sul, Brazil.

Edson is Senior Member of the IEEE Robotics and Automation Society (IEEE RAS) and IEEE Standards Association (IEEE SA). Throughout his career, Edson has worked on several initiatives related to Standardization, Robotics, Artificial Intelligence and Ethics of Artificial Intelligence in Academia, Industry, International and Multilateral Organizations. For instance, Edson is Member of the Global Future Council on the Future of Artificial Intelligence and of the G20 Digital Agenda Working Group at World Economic Forum; Global Commission on Responsible Artificial Intelligence in the Military Domain; South America Ambassador at IEEE TechEthics; Chair of the IEEE RAS/SA 7007 - Ontologies for Ethically Driven Robotics and Automation Systems Working Group; Vice-Chair of the IEEE RAS/SA Ontologies for Robotics and Automation Working Group; Former Member of the United Nations Secretary-General's High-level Panel on Digital Cooperation; and Former Member of the UNESCO Ad Hoc Expert Group (AHEG) for the Recommendation on the Ethics of Artificial Intelligence. Additional information can be found at [www.inf.ufrgs.br/~prestes/](http://www.inf.ufrgs.br/~prestes/) or <https://www.linkedin.com/in/edson-prestes/>.



## Anja Puntari

Originally from Finland but living in Italy since 1998, Anja Puntari is engaged with how to bring the “*artistic way of thinking and doing*” from the contemporary art field to the work practices of organizations and teaching activities. She mostly coaches Executive and Senior managers in the service-, consulting-, financial- and pharma industries with a special focus on developing relational skills like emotional intelligence, inclusive leadership, creativity, and interpersonal communication.

Anja Puntari is a partner and Senior Business Coach in Performant by SCOA and Trainer at SCOA - The School of Coaching. She has been Professor in prestigious Universities like HEC - Haute Ecole Commerciales Paris, Supsi- La Scuola Universitaria professionale della Svizzera italiana and NABA Nuova Accademia di Belle Arti Milano.

*She was an advisor for two mandates for the European Commission in Horizon 2020 Framework Program for Research and Innovation in SMEs. She is a founding member of GRASP Network, an international non-profit organization based in Vienna, Austria, that has the mission to create knowledge and understanding through artful thinking.*

*Puntari has written columns and articles for *Persone e Conoscenze* and *Sviluppo e Organizzazione*, HR magazine of ESTE publishers, and the online magazine HR Link. Her latest book *Conoscere la giusta distanza - Sfide di management in un mondo complesso* (Guerini Editore) came out in 2021.*

*She is a frequent conference speaker on the role of art, creativity, and sustainability in business in various international contexts and conferences. She has had shows and presentations in many different European countries and in India, Canada, Turkey, Mexico and Israel. In Planet Positive 2030, she is the Chair of the Arts Committee together with Prof. Guenter Koch.*





## Mehdi Rahmati

Mehdi Rahmati is an assistant professor in the Department of Electrical Engineering and Computer Science at Cleveland State University, USA. He is the director of the Intelligent Communications and Autonomous Systems Laboratory. He received his Ph.D., M.S., and B.S. degrees in electrical and computer engineering from Rutgers University in New Jersey-USA, Iran University of Science and Technology-Iran, and Ferdowsi University of Mashhad-Iran, respectively.

He has published numerous peer-reviewed conference and journal papers and has received many prestigious awards, including IEEE Oceanic Engineering Society Young Professional award in 2022 and 2023, the best demo award at the 2019 IEEE International Conference on Sensing, Communication and Networking (SECON), the first prize in the 2019 IEEE Communication Society (ComSoc) student competition, the best paper award at the 2017 IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS), and the best paper runner-up award at the 2015 ACM International Conference on Underwater Networks and Systems (WUWNet). His research focuses on designing novel algorithms and techniques for wireless communications and networking in extreme environments and uncertain communication situations such as underwater.

Vehicle to vehicle communications, coordination and communication in multi-robot systems and autonomous vehicles are the research directions he is currently working on.

For more information, please look into the following pages: <http://eecs.csuohio.edu/~rahmati/index.html>

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### Susanna Raj, Founder & CEO of AI4Nomads, PBC

Susanna Raj is an independent cognitive science & AI ethics researcher with a background in psychology, studio arts, and human-computer interactions. An Inclusive AI instructor at the Business School of AI, a nationally recognized public speaker, and an affective computing researcher with more than seven years of experience. Her focus areas include cognitive and social science in AI, AI ethics, inclusive AI, biometric privacy regulations, emotion and memory sciences, and social awareness of AI bias.

She is a Board Member of the Independent AI Ethics Advisory Board at Northeastern University.

Susanna is the founder and CEO of AI4Nomads, a mobile data labeling platform that pays anyone to train and learn AI on a mobile device. In alignment with the United Nations Sustainable Goals for 2030, the platform harnesses the power of AI to eradicate poverty and digital illiteracy around the globe. Susanna is also the Co-founder of Global South in AI, a non profit organization dedicated to research and education in Language AI and inclusion of the global south in AI solutions.

Previously, Susanna was a researcher at the Intel Anticipatory Computing Lab and a language data collection researcher at Amazon Lab126. She is a published researcher for the Association of Computing Machinery, the Conference on Neural Information Processing Systems, and Women in Machine Learning. She is also a judge, mentor, and organizer of AI hackathons.

Susanna was a 2022 nominee for the Women in AI North America Responsible AI Leader award and a

recipient of the President's Volunteer Service Award. Women in AI Ethics recognized her as one of 20 Rising Stars in AI Ethics and DataEthics4All named her as one of 100 DIET Champions, for her exemplary work in one or more fields of data and diversity, inclusion and impact, ethics and equity, in teams and technology.

She holds volunteer leadership posts, including being Ambassador for Women in AI USA, , as well as WaiTransform Lead, a research wing for *Women in AI USA*, co-editor of *Women in AI Ethics magazine*, and *Board Member at DataEthics4All*.



### Lisa A. Revelli

Lisa Revelli is a product designer specializing in Human Computing Interface design. She is currently a user researcher, and UX/UI designer working on a grid visualization load and generation cloud-based application.

In 2017, Lisa founded Guardian Airwaves, LLC (now transitioning into non-profit status) to lead the development of immersive and interactive simulation training systems used by firefighters and first medical responders. In 2018, her team won a Public Safety Communication Research competition for a “Virtual

Reality Navigation Heads Up Display”. She has been invited to submit an Emergency Medical Response Training concept for a National Science Foundation grant funding as well as for Norfolk Naval Academy VR safety training.

Her prior career was in film (Pixar, Matrix film, Sony Imageworks) and game (Stormfront) as a technical director. Lisa is knowledgeable in helping businesses interface with emerging technologies. She is passionate about exploring new technological developments. She has a professional certificates in Data Analytics,

WBENC WeThrive 2020’s Executive Development Program, Facebook’s Level-Up 2019

Social Media Workshop, GDC Master Class 2021’s, Psychology and Game UX, and Machine Learning -Theory Modeling in Python.

Lisa resides in Northern California, Marin County, with her 3 teens and husband, Luca. As a Tech Lead manager and FPGA engineer, Luca is developing a low-orbit satellite at Astranis in San Francisco. Perhaps, Lisa can influence Luca to bring technology to help Positive Planet do good.

Lisa is very interested in developing an interactive WORLD DASHBOARD with public knowledge and unique data of concerns with our planet. If interested, please email her at [guardianairwaves@gmail.com](mailto:guardianairwaves@gmail.com)



### Emma Ruttkamp-Bloem

Emma is professor and head of the Department of Philosophy at the University of Pretoria. She is the AI Ethics lead at the Centre for AI Research (CAIR) in South Africa, and member of the Steering Committee for the Southern African Conference for AI Research (SACAIR). She has a PhD in Philosophy with expertise in mathematical logic and the philosophy of science and technology and currently works in machine and data ethics, as well as on debates on scientific realism.

Emma is a member of the UN Secretary General's AI Advisory Body. She is the Chairperson of the UNESCO World Commission on the Ethics of Scientific Knowledge and Technology (COMEST). She was the chairperson of the UNESCO Ad Hoc Expert Group that drafted the Recommendation on the Ethics of AI, adopted after consultation and negotiation by 193 Member States in 2021, and contributed to development of its implementation instruments.

She is a member of the Global Academic Network, Centre for AI and Digital Policy, Washington DC, and has worked on projects related to AI ethics with the African Union Development Agency (AUDA)-NEPAD and the African Commission on Human and People's Rights (ACHPR). She is the South African representative at the Responsible AI Network Africa (RAIN). She is a full member of the International Academy for the Philosophy of Science (AIPS).

She is a member of various international AI ethics advisory boards ranging from academia (e.g., the Wallenberg AI, Autonomous Systems and Software Programme Human Sciences), the inter-governmental sector (e.g., as member of UNESCO' AI Ethics without Borders and Women4EthicalAI initiatives), to the private sector (e.g., SAP SE). She is an associate editor for Science and Engineering Ethics, and a member of the editorial board of the Journal of AI Law and Regulation and the Cambridge Forum on AI: Law and Governance.

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## Navroop K. Sahdev

[Navroop Sahdev](#) is the founder and CEO of [The Digital Economist](#), a global impact organization with the mission to drive technological convergence toward a human-centered global economy. Along with the world's most respected digital economists, in 2019 she co-authored "Blockchain Economics: Implications of Distributed Ledgers: Markets, Communications Networks, and Algorithmic Reality", the first book on the economics of blockchain. She has co-authored Hyperledger's "Blockchain for Business" online course which has trained close to 200,000 entrepreneurs globally, and counting.

Navroop is currently a Connection Science Fellow at the MIT Media Lab, part of a curated group of top scholars and entrepreneurs in emerging technologies with a track record of outstanding achievement, who are building the future of Distributed Ledger Technologies, Digital Identity and Digital Networks. She is also the founder and CEO of Rethink Markets, a global action-tank focused on the Economics of Emerging Technologies, with the mission to bridge the gap between scholarly economics and business applications.

A pioneering economist and technology futurist, Navroop's work lies at the intersection of emerging technologies, economic science and business strategy. Navroop is frequently interviewed by Forbes as a subject matter expert on the economics of emerging tech and requested as a keynote speaker at industry conferences. She was listed as one of the Top Blockchain Influencers in 2018 by Media Shower. She holds three masters in IP Management, Economics of Innovation and Applied Economics. Previously, she has worked at Harvard University and the United Nations Environment Programme. In 2017, Navroop served as a United Nations Youth Delegate.



## Fadi Salem

Fadi is the Director of Policy Research Dept. at the MBR School of Government (formerly Dubai School of Government). He is also the founding Editor-in-Chief of the Dubai Policy Review journal and leads the Future Government and Innovation research Group in the School as a Senior Research Fellow. Earlier, he was a Research Associate with the Belfer Center for Science and International Affairs, Harvard Kennedy School (HKS); and a Fellow with the I+I Policy Research Centre, Lee Kuan Yew School of Public Policy (LKY SPP), National University of Singapore. Fadi holds a PhD in Public Policy from the University of Oxford, an MSc in Information Systems Management from the London School of Economics and Political Science (LSE), and a B.Eng. in Computer Engineering from Aleppo University.

Fadi is selected among the 100 Most Influential People in Digital Government worldwide (Apolitical), and over two decades has been an influential thought-leader in numerous fields related to digital government, AI policy, data and technology governance. He serves as a member of several influential governance, boards and international expert groups, including the Artificial Intelligence Ethics Advisory Board (Dubai Digital), the Digital Government Society Board (DGS), the Global Council on SDG 16 (World Government Summit), the Expert Group on Governance Implications of Artificial Intelligence (ISO SC42 Working Group) and the Open Loop initiative's Global Experts on the Governance of Emerging Technologies. Some of the key publications he led include the influential [Arab Social Media Report](#) series, the Arab World Online series, the [Dubai Policy Review](#), the [Arab SDGs Index and Dashboard](#) and the [Global Economic Diversification Index](#). He is also a co-founder and a member of the Board of Trustees of [Jusoor](#), an international organization providing refugee education, scholarships, entrepreneurship and developmental programs affecting thousands of youth.

Over twenty years, Fadi has contributed to numerous multidisciplinary policy projects in top-tier centers of government, international media organizations, research institutions and policy think tanks, including leading tens of advisory projects with the World Bank, UNDESA, UNDP, UNCEPA, WEF, OECD, the Arab League among others.





### Jim Salsman

Volunteer [cooperative climate agreement model proposals](#) editor, Global Methodologies and Oceans and Coasts working groups.

CEO of Speak Clearly, LLC, working on pronunciation intelligibility assessment and remediation for language learning; doing business as [PhoneClearly.com](#). Detailed bio to follow. <https://linkedin.com/in/jsalsman>



## Jourdan Saunders

Jourdan has been a Speech Language Pathologist (SLP) for over 11 years using her expertise as the CEO & Founder of [The Resource Key](#), designed to help brands build inclusion and accessibility into internal and external marketing strategies.

Jourdan was awarded LinkedIn Top Voices 2020: Equity in the Workplace. She is the creator of one of the first resource websites for students in Speech Language Pathology ([www.futureslps.com](http://www.futureslps.com)), owner of one of the largest SLP resources groups on LinkedIn with over 20,000 members, and selected as top 100 Speech Language Pathologists impacting the field.

Selected member of Equity Army, Zero Exclusion, executive board of Blossoms of Guyana, and writing team for Neurodiversity Giving Individuals Full Team Success (NDGiFTS) Report. She is a Virginia Ambassador for My XXY Chromodiversity Foundation.

Jourdan's work has been featured in MarketWatch, Fast Company, USA Gymnastics, American Speech Language Hearing Association (ASHA), Association of University Centers on Disability, Pop Sugar, and Kennedy Center.

Mentor to students from the Cultural and Linguistic Diversity Emphasis Program, The Department of Hearing and Speech Sciences (HESP) at the @University of Maryland, College Park.

Jourdan has developed inclusive gymnastics programs, reading literacy programs, and is the author of [Our Reading Literacy Kitchen: Fresh Approaches to Target Reading Literacy Skills](#). She acts as an advisor to companies and organizations ranging from digital speech therapy, gymnastics, international reading literacy initiatives, culinary industry technology platform, and many more.

To find out more information about Jourdan's work visit <https://www.jourdansaunders.com>.

[Connect with Jourdan on LinkedIn](#)



### Roy Saurabh

Roy has vast professional experience in AI and Education policy research and Data governance architectures. Roy is currently the Digital transformation lead at UNESCO and Human-Computer Interaction researcher at UDP, where he studies how learners affect during the learning environment and architect applications that acknowledge holistic profiles of learners while developing predictive indicators to their mental health.

He had architected the Affect-aware Digital platform while at UNESCO's research institute for analyzing and modeling learner cognitive and affective trajectory while administering Social & Emotional Learning competency and building mental well being digital courses. Roy has developed real-world, inclusive applications leveraging AI, cognitive modeling, human-machine interaction, data mining, & data visualization with focus on human flourishing.



## Hermine Schuring

Hermine Schuring (1961), born in the Netherlands, has been living for almost 30 years in Vienna, Austria and is a mother of two grown up children. She has an education in Physical Therapy and various forms of energy-body-work like shiatsu and cranial sacral therapy, and she works as a therapist in her own practice. Being a certified Chan Mi Qi Gong teacher she has given numerous Qi Gong classes and workshops, where she combines these techniques with awareness-, body- and energy exercises.

On her travels to the United States she discovered an interest, passion and deep respect for the Native American approach to life, which led to accompanying indigenous elders on their speaking tours in Europe, doing organizational and translational work. As a result from her 20 year long friendship with Mala Pope, who is from Western Shoshone and Cherokee descent, she wrote the book *A Life in Service, stories & teachings from Mala Spotted Eagle* (2019).



### Ananya Sen Gupta

Ananya Sen Gupta received her PhD from the University of Illinois at Urbana-Champaign in 2006, spent a significant part of her research career (2008-2012) at the Woods Hole Oceanographic Institution (WHOI), and is currently an Associate Professor in Electrical and Computer Engineering at the University of Iowa. Before joining the University of Iowa (2013-Present), she also served as a lecturer at the University of Massachusetts Dartmouth (2011), University of Illinois at Urbana-Champaign (2008), and given guest lectures at the Massachusetts Institute of Technology (MIT) (as part of her term at WHOI, an MIT affiliate).

Dr. Sen Gupta's research interests lie in the nexus of signal processing, pattern recognition and knowledge discovery, with emphasis on AI-enabled remote sensing in high-noise, high-clutter and highly dynamic environments. She specializes in harnessing classic signals theory and geometric constructs with current state-of-the-art in machine cognition to extract scientifically relevant information from sensor measurements corrupted by structured background interference. Her research has found broad applications in underwater acoustic communications, sonar target recognition, space plasma studies in Earth's Van Allen radiation belts and the Martian ionosphere, spacecraft magnetometer measurements, oil spill fingerprinting, air pollution and food contamination studies, and more recently in dance image/video processing. She has numerous peer-reviewed publications as well as a US patent documenting her research across the last two decades.



## Tapan Shah

Dr. Tapan Shah is a researcher trained in theoretical and practical aspects of machine learning, optimization

and signal processing. At GE, he leads various programs on using Artificial Intelligence to increase the penetration of renewables source of energy. As part of that effort, he builds machine learning tools to improve the reliability of wind turbines to increase their availability and reduce the downtime. He is also building futuristic AI agents to operate and maintain electrical grids in a reliable and robust fashion in 2050. Dr. Shah actively engages with various offices at the US Department of Energy to create increase the applicability of AI/ML tools in the path towards energy transition and decarbonization. He was awarded the

GE CTO Award (5 Under 5) for exceptional contribution to areas of machine learning and signal processing.





## Paul Shrivastava

Dr. Paul Shrivastava, has a unique background that combines significant entrepreneurial and senior management experience with academic scholarship and teaching. Currently on sabbatical leave (July 1, 2022) from the position of Chief Sustainability Officer at The Pennsylvania State University, and Director of the Sustainability Institute and Professor of Management and Organizations at the Smeal College of Business. He is Full Member of the Club of Rome. He also leads the UNESCO Chair in Art and Science for Implementing the SDGs, at the ICN Business School, Nancy, France. He is an advisor to the Research Institute for Humanity and Nature, Kyoto, International Social Sciences Council, Paris, Future Earth, The Arts Alliance of Research Universities, and Network for Education and Research on Peace and Sustainability, Hiroshima University.

Prior to this, he served as the founding Executive Director of [Future Earth](#), a global research platform for global environmental change science and transformation to sustainability. Earlier he was the David O'Brien Distinguished Professor of Sustainable Enterprise, and Director of the David O'Brien Centre for Sustainable Enterprise, at the John Molson School of Business, Concordia University, Montreal. He served on the Board of Trustees of DeSales University, Pennsylvania.

Dr. Shrivastava created several entrepreneurial ventures. He was part of the management team that launched Hindustan Computers Ltd. (one of India's largest computer companies). He founded the non-profit Industrial Crisis Institute, Inc. in New York, and published the Industrial Crisis Quarterly. He founded Organization and Environment, a journal of Sage Publications. He was founding Chair of the Organizations and Natural Environment (ONE) Division of the Academy of Management. He was founder President and CEO of eSocrates, Inc., a knowledge management company, and Founding Executive Director of Future Earth.

Dr. Shrivastava received his Ph. D. from the University of Pittsburgh. He completed B.E. (Mechanical) from the Maulana Azad National Institute of Technology, Bhopal, India, and Post Graduate Diploma in Management from the Indian Institute of Management, Calcutta. He was tenured Associate Professor of Management at NYU Stern School of Business, New York University. He served as the Howard I. Scott Chair in

Management at Bucknell University. He has published 19 books and over 150 articles in refereed scholarly, and professional journals and books. He has served on numerous advisory boards and editorial boards of leading management journals. He won a Fulbright Senior Scholar Award, and received distinguished alumni awards from IIM Calcutta and the University of Pittsburgh. His work has been featured in the Los Angeles Times, the Philadelphia Inquirer, the Christian Science Monitor, the Globe and Mail, and The Gazette (Montreal), and on the McNeil-Lehrer News Hour.



## Max Song

Max is a data scientist, venture builder, investor and researcher. He is currently founder and CEO of Carbonbase (carbonbase.co), a HK based climate tech startup leveraging data science and blockchain for enterprise solutions for measuring, managing and reducing carbon emissions, as well as Project Ark (a sustainable metaverse design studio partnered with WWF) and co-founder of Sustainable Bitcoin Protocol (the world's largest ESG sustainability standard for Bitcoin mining and energy usage).

Previously, he worked in investments for multi billion HK family offices, where he invested in TMT, AI, blockchain, and healthcare. Max worked as a data scientist in Silicon Valley for Ayasdi, where he helped with data analysis applications for finance, biotech and healthcare, including Citibank's 2014 stress test. Max is co-author of the Data Science Handbook - which has been downloaded 50,000 times over 100 countries and translated into Chinese and Greek.

Max was the first class of the Schwarzman Scholars Program at Tsinghua University, where he wrote his masters thesis on US-China Green Finance and Public Policy. He received his Bachelor of Science from Brown University, where he majored in Applied Math/Computer Science. He is currently pursuing a part time PhD at Hong Kong University of Science and Technology, where he is focused on the intersection of climate change standard design, carbon markets, digital assets and decentralized governance.

Max is also a board member of PAOB, a HK based virtual bank under the PingAn ecosystem. He is passionate about mobilizing the capabilities of technology and finance to realize the promises of UN Sustainable Development Goals and received the 2021 Generation T Tatler Award, a 2021 Forbes Energy 30U30 Award, and a 2021 U30 HuRun Award.



## Roger Spitz

Based in San Francisco, Roger Spitz is President of Techistential (Global Foresight Strategy) and Chairman of the Disruptive Futures Institute. Roger has given over 100 keynote talks globally, is a frequent contributor across leading media, and guest lectured at many of the world's most prestigious academic institutions.

Roger has two decades of leading investment banking and venture capital businesses, advising CEOs, founders, boards, and shareholders, evaluating their competitiveness, strategic investments, and disruptions ahead. He sits on a number of Advisory Boards of companies, Climate Councils, VC funds & academic institutions worldwide.

Techistential's renowned Board, Governance & Investor foresight practice works with leaders and their organizations globally to rethink sustainable value creation. As the Sustainable Futures Practice Lead, Roger provides climate foresight-driven advice on the global energy transition, which is creating paradigm shifts in value and business models.

Roger is a sought after advisor and speaker on systemic change and climate strategy. He is an inaugural member of Cervest's Climate Intelligence Council, and is a partner of Vektor Partners (Palo Alto, London, Berlin), a VC firm investing in next-generation sustainable transport, as well as a member of the Advisory Council and an LP investor in Berkeley SkyDeck fund. The funds he advises support green innovative tech in Silicon Valley, Israel, UK, and Europe.

As former Global Head of Technology M&A with BNP Paribas, Roger advised on over 50 transactions with deal value of \$25bn, and raising \$2bn in capital. He launched the bank's US Mergers & Acquisitions practice in San Francisco and spearheaded its European Technology, Aerospace & Defense investment banking franchises in London and Paris.

He has published extensively on decision-making in uncertain and complex environments. Following his seminal paper in the Journal of Futures Studies, he co-authored "An Existential Framework for the Future of Decision-Making".

Roger has lived in 10 different cities across three continents.  
[LinkedIn bio here.](#)



## Vladimir Stankovic

I have been an academic staff member at University of Strathclyde, Department of Electronic and Electrical Engineering, since 2007, where I am currently Professor. Prior to joining Strathclyde, I was a post-doctoral researcher at Texas A&M University and a PhD candidate at University of Leipzig.

My research work focuses on developing signal and information processing methods for sustainability. In particular, I am looking at smart home/ building energy management solutions, energy management for farms, and investigating early stages of slope instabilities and failures, escalating due to climate change. I am involved, as Research Committee Chair, in a GECKO PhD training network that brings together social and information science teams from academia and industry to design human-in-the-loop AI-driven solutions to stimulate sustainable behaviour. In terms of my micro-seismic signal analysis work, I am looking at detection, classification and localisation of seismic events, including investigating precursors to landslides and links between climate change and seismicity.

I was Area Editor of IEEE Transactions on Communications and Associate Editor-in-Chief of IEEE Transactions on Circuits and Systems for Video Technology.

<https://www.strath.ac.uk/staff/stankovicvladimir/>

<https://scholar.google.com/citations?user=NQfxCxMAAAAJ&hl=en&oi=ao>



## Frank Stein

Frank is on the faculty of the Intelligent Systems Department of Virginia Tech where he focuses on AI adoption issues, including trustworthy systems, human-machine teaming, and digital engineering. He is very interested in the application of AI and other innovations to help mitigate and adapt to climate change. In fact, Frank's concern for the environment goes back to the first Earth Day when he was part of a group that organized a teach-in for his High School.

Frank is the co-chair of the 2022 AAAI Fall Symposium on **"The Role of AI in Responding to Climate Challenges."** He is also supporting IEEE's Planet Positive Committee, and INCOSE's System Engineering and Sustainability working group. As part of the Advisory Board for GMU's SE/OR Department, he is working to insert Climate Change into the academic curriculum.

Prior to joining academia, Frank was with IBM in various engineering and management roles. He was the Director of IBM's A3 Center focused on AI, Analytics, and Automation in Washington, D.C. In this role, Frank was responsible for driving strong connections between IBM and government, industry, and the academic community on the A3 technologies as applied to mission and business problems. He has been an invited speaker worldwide on IBM's technology efforts, including Watson and Cognitive Computing. Frank was the Co-Chair of the Association for the Advancement of AI (AAAI) Fall Symposium on AI in Government from 2015 to 2020.

Frank's career has included working on leading-edge technology, including one of the first satellite-based digital networks, advanced development of IBM's tablet technology (20 years before the iPad), IBM's first color LCD display, Video-on-Demand technology, building a system to digitize and store CNN's video library, IBM's Media Asset Management system, and Watson solutions using Robots. Frank received the 2011 Nick Donofrio Federal Innovation Award, the IBM Excellence Award, and 38 US and International patents.





## Melodena Stephens

Prof. Dr. Melodena Stephens is Professor of Innovation and Technology Governance at the Mohammed Bin Rashid School of Government (MBRSG) in Dubai, UAE. She has over three decades of senior management experience in corporate, academic, and government sectors across Asia, Europe, the Americas, and Africa. She consults and trains in strategy, focusing on themes like agile government, Science, Technology, and Innovation (STI) strategy, brand-building, and crisis management. She is an IEEE CertifAIEd™ Authorised Lead Assessor and trains government officials from around the world.

Melodena is the Co-Chair of the IEEE SA co-chair of the IEEE AI Ethics Education committee, Planet Positive 2030 Metrics and Indicator committee and the Autonomy and AI in Defense Systems committee. She is an expert for the Council of Europe, Agile Nations, and Meta on metaverse governance and is invited to speak on AI governance, crisis management and future governments at multiple platforms across the world like the IEEE, Reputation Institute, The Economist, World Government Summit, Dubai Future Forum, and World Economic Forum. Other frontier tech governance projects include synthetic biology governance with the Dubai Future Foundation. She serves as one of the judges of the “Future is Fungi Award”.

Before her PhD, she worked in India for the Tata Group in market development and M&A. In academia, she has been involved in strategic planning, accreditations, course development and industry outreach. She was one of the first female Indian deans for a German University - Karlshochschule International University, Germany. For over a decade, she also held various positions like Deputy Dean, Associate Professor and Program Director of MBA in the University of Wollongong in Dubai (UOWD), one of UAE's oldest private universities.

Melodena is the founder and executive board member of the Academy of International Business Middle East North Africa (AIBMENA), which fosters teaching and research capacity. AIBMENA was recognized by the Dubai government for its outreach, which has captured organizational memories through 100+ cases. She is passionate about human-centered design thinking and uses it to help clients build better services. Some of her most recent books are *Anticipatory Governance: Shaping a responsible Future*, *AI Enabled Business: A Smart Decision Kit*, *Agile Government: Emerging Perspectives in Public Policy*, and *Business With Purpose: Advancing Social Enterprise*. Melodena volunteers with The Digital Economist and was accepted into Fall 2024 AI Policy Clinic of Centre for AI and Digital Policy. Melodena loves to write and blogs at [www.melodena.com](http://www.melodena.com)



## Matthew Studley

Matthew Studley's career in robotics has been driven by a commitment that Godlike Technology results in more good than harm, and that it should be possible for citizens to influence the future beyond the laissez-faire approach of abnegating responsibility to market forces. As the co-Director of the Bristol Robotics Laboratory, he drives strategic initiatives, fosters international collaborations, and ensures research aligns with ethical standards. His work spans robotics, machine learning and AI, autonomous weapons, standards and sustainability, with a keen focus on embedding ethics into every stage of technological development. He serves as a board member for the Engineering Professors' Council and euRobotics aisbl, where he advances ethical frameworks and international robotics competitions. His career reflects a deep commitment to bridging technology and ethics to promote human flourishing.



### Keisha Taylor-Wesselink

I'm a web scientist, transdisciplinary/intercultural researcher, and entrepreneur, originally from Trinidad and Tobago who is interested in using historical, cultural and philosophical insights often unknown or sidelined to support better research and sustainable outcomes and so founded [Techilosophy](#) to support this.

I love integrating the arts, humanities and social sciences with Science, Technology, Engineering and Math disciplines for sustainable innovation. I recently developed an interdisciplinary taxonomy for the European Commission funded Shaping Interdisciplinary Practices in Europe (SHAPE-ID) project to support diverse stakeholders to do so as a Research Fellow at Trinity College Dublin and conducted research on sustainability mindsets for Accenture's Innovation Hub's multidisciplinary Human Sciences Studio. I have also conducted comparative research on sustainability initiatives in the Caribbean and South Pacific islands. I have a PhD and a Masters degree (with distinction) in Web Science from the University of Southampton. I also have a Masters degree in International Relations from the Universiteit van Amsterdam in the Netherlands and a BSc in Sociology from the University of the West Indies (St. Augustine) in Trinidad and Tobago.

I was a Director at the Caribbean Diaspora for Science, Technology and Innovation (U.K.). DiploFoundation Fellow to the UN Internet Governance Forum, an Internet Society Fellow to the OECD Technology Foresight Forum on Big Data and I have advised various stakeholders at the intersection of technology, data, innovation and sustainability. I co-host A Correction podcast where I interview experts doing rigorous interdisciplinary, scientific research that is usually unknown, particularly about indigenous communities and the global south. At the beginning of the pandemic I co-founded Story Jump Out, a movement which began with a Caribbean inspired game for family and friends to pass on their own intergenerational stories, cultures and histories and tap into the power of storytelling



## George A. Tilesch

[George](#) is President of the [PHI Institute for Augmented Intelligence](#). PHI Institute is a new breed of organization promoting the vision and actionability of Augmented Intelligence, with the drive to set a new AI course and ethos: machine intelligence with the purpose of enhancing the human condition for all.

As a globally recognized senior AI & Innovation expert, executive, and consultant he is most passionate about fostering and developing Public Interest AI. For 25 years, George has been active as a cross-sector and cross-industry conduit between innovation and AI ecosystems worldwide and as a trusted advisor to world leaders. Dr. Tilesch is specializing in AI Strategy, Talent, Policy, Ethics and Governance. His global senior executive and strategy consulting leadership track record spans decades with government leaders on all continents (US, EU, Dubai, New Zealand); Microsoft, Ipsos, and Fortune 50 Tech corporations; international organizations and global think tanks (World Economic Forum, Club de Madrid); startups/scaleups; and global social innovation leaders (TechSoup Global).

Dr. Tilesch is also the co-author of the 2020 book [Between Brains: Taking Back our AI Future](#). Its Hungarian edition became a Top 5 national bestseller. Recently, George has co-authored the Responsible AI Chapter of the [World Economic Forum's AI C-Suite Toolkit](#). As a C-suite advisor, researcher, convener, keynote speaker, and guest lecturer at major universities, George is headquartered in Silicon Valley and circling the globe in pursuit of delivering on PHI Institute's Augmented Intelligence mission. He is an Advisory Board member to Harvard Innovation Labs's Experfy and the AI Ambassador of Neumann Society.



## Lucy Tong

Lucy (JieQiong) Tong is a Researcher at the Tsinghua University Institute for Climate Change and Sustainable

Development (ICCSA). ICCSA was founded by China's Special Envoy for Climate Affairs, the Honorable XIE Zhenhua, missioned to support China's mid to long-term net-zero transition. At ICCSA, her work focuses on working with international partners on academic cooperation and 1.5 track diplomacy. She received her masters from Tsinghua University in Civil Engineering, where she focused on projects related to the Belt and Road Initiative. She is an organizer of Global Solutions Festival, an annual gathering of young changemakers to solve pressing global issues. She is passionate about the application and geopolitics of climate change, with explorations in the field of ESG, circular economy, and carbon market. Lucy is a Global Shaper from Beijing.



### Nidhi Varshney

Nidhi is a senior scientist at National Institute of Ocean Technology, Chennai, India. She has done her Masters in Technology in Control Systems from National Institute of Technology, Kurukshetra. Her career spans for about 15 years in academia and research sector. She is working with the Deep Sea Technologies group of NIOT engaged in the development of Manned and unmanned underwater vehicles. She is inducted in the prestigious project of Deep Sea Mining under polymetallic nodule mining programme of Govt. of India, where India has signed a contract with International Seabed Authority, United Nations for the technology development for polymetallic nodule mining from 6000 m depth. She is involved in the design and development of navigation and control algorithm of Deep sea mining system (IMS) rated for 6000 m depth.

She is also spear heading the data acquisition system of deep sea mooring project for Environmental Impact assessment of Central Indian Ocean. She is a jury member of the National level Students Autonomous Underwater Vehicle competition held biennially.





### Ernesto Vega Janica

Ernesto works at IEEE Standards Association as their Senior Manager of Opportunities Development. He leads the product development of all related products, such as handbooks, educational programs, mobile apps, and more.

He is an Electrical Engineer and was recognized as the 2017 Fire Protection Engineer of the Year by the Society of Fire Protection Engineers (SFPE), New Jersey Chapter; and awarded the 2011 Tyco Patent Prize as the author of a patent application on visual fire alarm notification devices.

Mr. Vega Janica is the author of multiple technical papers and international presentations in the engineering fields, as well as in applications of optimization models. Vega Janica, graduate alumni of the University of Maryland, is also an enthusiast of mathematics. His research on multiple numerical systems has taken him to humanitarian and STEM efforts. Mr. Vega Jánica is also an instructor of international Standards and the sole author of a Math textbook for kids using Native Tribes numerical systems.



### József Veress

József focuses on ethical enactment of technology and mobilization of the civil society's transformational capacity required to a regenerative socio-economic pattern capable of handling the global climate crisis. He has MSc in international relations (MGIMO) and PhD in management and organization (Aalto University). He has extended experience in government work and - Hungarian and EU - public service and in diverse companies acting in US and European markets. From 2010 he teaches and does research in the Corvinus University Budapest and is a visiting scholar in various universities. His current research interest is green digitalization enabling effectively handling the climate crisis through facilitating regenerative socio-economic patterns, re-aligning Ethics and Economics and mobilizing the civil society's transformative potential.

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## Yonah Welker

Mr. Yonah Welker is a former tech envoy, advisor of ministry of AI, visiting lecturer and public technologist with work encompassing algorithms, emerging technologies, and policies, addressing society, human capacity, designated groups and spectrums such as social, expressive and human-centered AI, robotics, emerging learning, work, health, public and economic solutions. It includes the co-creation of emerging technologies and algorithms, screening, evaluating and cooperating with national, public and private projects, cohorts, ecosystems and funds, contributing suggestions to repositories and frameworks.

Prior to it, Yonah Welker was co-founder of Hardwaretech think tank (2006<), cocreated and screened tech ventures and projects, served as an evaluator and expert for technology transfer and innovation ecosystems, including funds, authorities, EU-Commission funded projects, curated initiatives of AI for humanity, humanitarian and cross-national initiatives. Yonah Welker has provided over a hundred appearances and commentary, addressing social technologies and policies. The comments were featured by the WH and UN-related institutions and initiatives, OECD, national institutes, reports and outlets.

Links: [Social](#), [Site](#)



### Christopher Whitt

Christopher is the chair of the Coasts and Oceans committee. He is a registered professional engineer (P.Eng.) in Canada and completed his undergraduate (B.Eng. 2000) and graduate degrees (M.Eng. 2010) at Memorial University in St. John's, NL, Canada. He has been interested in acoustics for nearly his entire life, and for the last 15 years he has been a project engineer and project manager at JASCO Applied Sciences in Halifax, NS, Canada. He has been involved with many wide-scale ocean acoustic monitoring projects, particularly those involved with arctic programs. Christopher specializes in executing complex and unusual projects. He is a strategic thinker who excels at understanding systems, even when composed of complex parts or processes. His background is in electrical engineering, with a focus on digital systems, signal processing, software development, algorithms, and acoustics. Christopher has been an IEEE member and volunteer for 25 years and is currently the President of IEEE Oceanic Engineering Society. He is passionate about sustainability and the role of professional organizations in advancing technology for humanity.

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## Amelia Winger-Bearskin

Gainesville, Florida, 'USA'

Amelia Winger-Bearskin is an artist who innovates with artificial intelligence in ways that make a positive impact on our community and the environment. She is a [Banks Family Preeminence Endowed Chair](#) and Associate Professor of [Artificial Intelligence and the Arts](#), at the [Digital Worlds Institute](#) at the University of Florida. She is the inventor of Honor Native Sky, a project for the U.S. Department of Arts and Culture: [Honor Native Land Initiative](#). She founded Wampum.Codes which is both an award-winning [podcast](#) and an [ethical framework for software development](#) based on indigenous values of co-creation. Wampum.codes was awarded a Mozilla Fellowship embedded at the MIT Co-Creation Studio from 2019-2020 and was featured at the 2021 [ImagineNative](#) festival. She continued her research in 2021 at Stanford University as an artist and technologist in residence made possible by the Stanford Visiting Artist Fund in Honor of Roberta Bowman Denning (VAF).

In 2019 she was a delegate at the Summit on Fostering Universal Ethics and Compassion for His Holiness, The 14th Dalai Lama, at his World Headquarters in Dharmasala India. In 2018 she was awarded a MacArthur/Sundance Institute fellowship for her 360 video immersive installation in collaboration with the artist Wendy Red Star (supported by the Google JUMP Creator program). The non-profit she founded IDEA

New Rochelle, in partnership with the New Rochelle Mayor's Office, won the 2018 \$1 Million Dollar Bloomberg Mayor's Challenge for their VR/AR Citizen toolkit to help the community co-design their city. In 2018 she was awarded the 100k Alternative Realities Prize for her Virtual Reality Project from Engadget and Verizon Media. Amelia is the founder of the [stupidhackathon.com](#).

Amelia is Haudenosaunee (Iroquois) of the Seneca-Cayuga Nation of Oklahoma.



## Marisa Zalabak

Marisa is the Co-Chair of the Planet Positive 2030 Global Methodologies committee.

She is the founder of [Open Channel Culture](#), an Educational Psychologist and researcher, with expertise in Social-Emotional & Creative Intelligences, Restorative Circles, Social Justice & Equity, Conflict Resolution, Organizational Culture & Development, and Transdisciplinary Collaboration. Her work includes training and program implementation that foster humanity in education, business, healthcare, and institutions.

She currently serves as a co-chair of the IEEE AI Ethics Education committee. She is a co-author of an upcoming paper from the AI Ethics Education Committee on The Benefits of A Multidisciplinary Lens for AI Systems Ethics. She is also a contributing author of IEEE's [P7010](#), Well-Being Metric for Autonomous and Intelligent Systems (A/IS).

Marisa partners with [The Digital Economist](#) on working on global solutions for leaders in Climate Repair and Sustainability. Marisa also serves on global leadership teams such as; [Million Peacemakers](#)- providing training for conflict management and developing a global youth peacemaking initiative, [Women4Solutions](#)- 17,000+ executives and entrepreneurs in 30+ countries building inclusive businesses and organizations aligned with the UN sustainable development goals. She serves as a signatory with the [Knowledge Impact Network](#) dedicated to connecting global experts with high potential social entrepreneurs to share knowledge, scale impact and co-create solutions as well as serving as an advisor for multiple restorative/social justice initiatives (e.g. [Anti-Violence Project](#), [Vera Institute for Arts & Politics](#)).

Marisa's career has spanned multiple disciplines, working across a wide range of fields and sectors; performing arts, television, business, education, psychology, research, restorative justice, social equity, leadership development, organizational culture, public speaking and AI ethics.



She believes the creative solutions to challenges facing the planet and humanity will require more intentional transdisciplinary collaborations. She is a member of [U.Lab with the Presencing Institute](#)/MIT; co-creative innovation labs building capacity in programs and action research worldwide to support and scale societal innovation.

Marisa founded Open Channel Culture to continue and expand her work teaching, speaking, coaching and consulting in Adaptive Leadership, Organizational Culture, and Social Transformation-focusing on regenerative practices and essential skills for the emerging future.

Growing up both in the farmland of the U.S. and living in New York City and Europe, she hopes to contribute by supporting constructive communication across geographic and social boundaries. A dedicated optimist, Marisa is also a proud parent and community advocate, deeply committed to supporting responsible leadership and healthy partnerships with advanced technologies for the present with the well-being of future generations at the heart.



## James Zhu

I am currently pursuing a PhD degree at Carnegie Mellon University in Pittsburgh, USA. The primary focus of my work is the control and analysis of legged robot walking, and how to enable robots to walk more successfully on complex terrains. I am also very interested in the ethical considerations of robots, and how robots should be deployed appropriately to positively impact our society. I have been engaging with the local Pittsburgh community, designing an after school CAD lesson program for a local organization, Gwen's Girls and planning a community engagement event centered on AI and art.

## Laszlo Zsolnai

Laszlo Zsolnai is Professor and Director of the Business Ethics Center, Corvinus University of Budapest. He is Associate Member of the Las Casas Institute, Blackfriars Hall, University of Oxford. He also serves as President of the European SPES Institute (Leuven, Belgium). He was visiting professor/visiting scholar at the University of Oxford, University of Cambridge, University of California at Berkeley, Georgetown University (Washington, D.C.), University of Richmond (Virginia), Concordia University (Montreal), Bocconi University Milan, University of St. Gallen, Venice International University, and The Netherlands Institute for Advanced Studies.

Zsolnai's latest books include "Economics as a Moral Science" (Springer, 2017), "Progressive Business Models: Creating Sustainable and Pro-social Enterprise" (Palgrave-Macmillan, London, 2017), "Integral Ecology and Sustainable Business" (Emerald, 2017), "Ethics, Meaning, and Market Society" (Routledge, New York, 2018), "Economic Objects and the Objects of Economics" (Springer, 2018), "The Routledge International Handbook of Spirituality in Society and the Professions" (Routledge, London and New York, 2019). His academic website: <http://laszlo-zsolnai.com/>



## Chiara Marradi

Chiara is a UX & Service Designer with a strong focus on sustainability. Over the years, she has published two papers that combine a design approach to tackle complex challenges, including sustainability, scaling bottom-up initiatives, and supporting people with dementia. For Chiara, sustainability is always at the core, whether in environmental or social contexts.

Based in Brussels 🇧🇪, she is an avid traveller, inspired by diverse cultures and ideas. This curiosity has shaped her open-minded and collaborative approach to teamwork. With over three years of experience as UX Design COnsultant at IBM, Chiara specializes in aligning customer needs with business goals, technology feasibility, and organizational capacity, driving the successful execution of multidisciplinary design projects.

Currently, Chiara is running for the local elections, contributing to the improvement of Brussels from a sustainability standpoint as a member of the Ecolo party. She brings her creative ideas and design expertise to this role, aiming to shape the city's future with a sustainable vision.

Chiara's publications include:

[\*'Scaling Local Bottom-Up Innovations through Value Co-Creation'\*](#) - MDPI Sustainability Journal · Sep 17, 2022

[\*'Co-designing with people with dementia: a scoping review of involving people with dementia in design research'\*](#). Maturitas. Jun 5, 2019

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