



IEEE SA - 1872.2 Standard for Autonomous Robotics (AuR) Ontology Working Group

Call and Agenda

Meeting Agenda for February 5, 2021, 1PM-2:30PM UTC

You have been invited to the IEEE SA WG P1872.2 meeting. Join the meeting:

<https://join.skype.com/Buruz9jby49e>

1. Call to order (Howard)
2. Introduction and rosters (Alberto)
3. Approve today's agenda (Howard)
4. Approve prior meeting's minutes (Alberto; January 8)
5. Essential Patent Claims (Alberto)
6. Status updates/previous action items (Howard)
7. IEEE Copyright Policy (Howard)
8. Technical discussion (*IEEE-SA Balloting Process*' by Christy Bahn)
9. Next meeting's topic: nomination of presentation
10. New business/announcements/events/last thoughts
11. Close meeting (Howard)

Minutes for the Official Meeting on February 5, 2021

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Rosters

- Y and N state for Yes and No
- ^ means the attendee is a *Voting Member*
- Members highlighted in **green** are eligible to become a *Voting Member*
- Members highlighted in **red** are eligible to lose *Voting Membership*
- Last column contains today's meeting attendees

Attendee Name	Role	Affiliation	Current Voting	Meetings Attended / last two	5-Feb
OBSERVATIONS					
Howard Li	Chair	University of New Brunswick, Canada	Y	2	Y^
Paulo Gonçalves	Co-Chair	IDMEC, Portugal	Y	2	N^
Veera Ragavan	Co-Chair	Monash University, Australia	Y	2	Y^
Alberto Olivares Alarcos	Secretary	IRI-CSIC, Spain	Y	2	Y^
Alaa Khamis	Member	General Motors, Canada	Y	2	Y^
Chris Nowak	Member	DST Group, Australia	Y	1	Y^
João M.L. Quintas	Member	Pedro Nunes Institute, Portugal	Y	2	Y^
Julia Bermejo	Member	UPM, Spain	Y	2	Y^
Ricardo Sanz	Member	UPM, Spain	Y	2	Y^
Stefano Borgo	Member	ISTC/ CNR, Italy	Y	0	N^
Edison Pignaton	Member	UFRGS, Brazil	Y	1	N^
Elisa Tosello	Member	UNIPD, Italy	Y	2	Y^
Daniel Beßler	Member	University of Bremen, Germany	N	0	N
Mohammed Diab	Member	UPC, Spain	Y	1	N^
Marcos E. Bareto	Member	UFBA, Brazil	N	0	N
Joanna I. Olszewska	Member	University of West Scotland, UK	Y	2	Y^
Amelie Gyrard	Member	Knoesis, Wright State University	Y	1	Y^
Hiren Nakawala	Member	CMR Surgical Ltd, Cambridge, UK	Y	1	Y^
Abdelghani Cibani	Member	UPEC, France	N	2	Y

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Maki Habib	Member	American University in Cairo	Y	1	Y^
Linda Li	Member		N	-	Y
Koussaila Moulouel	Member	UPEC, France	N	-	Y
Dormant/Inactive					
Sandro R. Fiorini	Co-Chair	IBM, Brazil	N	0	
Eren Erdal Aksoy	Member	Halmstad University / Volvo	N	0	
Carlos Hernández	Member	TU Delft, Netherlands	N	0	
Joel L. Carbonera	Co-Chair	UFRGS, Brazil	N	0	
Edson Prestes	Member	UFRGS, Brazil	N	0	
Bao U. Nguyen	Member	University of Ottawa, Canada	N	0	
Kathryn Bennett	Guest	IEEE-SA	N	0	
Craig Schlenoff	Member	NIST	N	0	
Jaeho Lee	Member	University of Seoul	N	0	
JiSang Hoon	Member	KITECH, Republic of Korea	N	0	
Ki-Yeop Sung	Member	KAR, Republic of Korea	N	0	
Taeyoung Uhm	Member	KIRO, Republic of Korea	N	0	
Sebastian	Guest	IEEE-RAS	N	0	
Christy Bahn	Program Manager	IEEE-SA	N	0	Y
Signe Redfield	Guest	United States Naval Research Laboratory	N	0	
Ali Akbari	Guest	UPC, Spain	N	0	
Total Attendees					17
Voting Members			17		17
Voting Members Present					13
Quorum					Y

Stefano lost his voting membership and Abdelghani became a voting member.

[Approval today's meeting agenda](#)

Motion Proposal : João

Seconded by: Veera

Accepted Agenda: Yes

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Approval prior minutes

Minutes were distributed and also made available on our google drive. Thus, members could have read them, but Alberto summarized the minutes to ensure that everyone knew about them.

Motion Proposal: João

Seconded by: Veera

Accepted Minutes: Yes

Call for Essential Patent Claims (Alberto)

The call was raised; no participant raised any concerns or any comments for consideration.

Status updates/previous action items (Howard)

- Standard's draft. Howard and Maki finished the section about robotics terminology. The only missing sections are the one about the axiomatization and the case study, Mohammed is leading them and Elisa, Alberto, Molouel, and others are working offline on it. Alaa is working offline with Mohammed to ensure that the definitions of behavior of our standard are aligned with the robotics perspective. We aim to have a final draft by the beginning of March so that we can start the balloting process and finish it before September, then, it will be submitted for approval.
- Paulo finished the draft following what we agreed on after our last meeting: adding the axioms, etc. Some missing parts: discussion about easing the terminology for roboticists (Alaa and Mohammed working offline on it) and we need to write the section about the case studies. The draft can be found in our drive, in the root */standard development/wordtemp_2020/*.
- Veera suggested sending a proposal for a special session at [ETFA 2021](#) (26th IEEE International Conference on Emerging Technologies in Factory Automation). He has started working on a proposal, you can ask him for further details. ETFA will be held from 7 to 10 of September in Västerås, Sweden ([call for special sessions](#)).
- Terminology harmonization effort among IEEE's groups and also among other institutions and standards, Craig is leading.

Copyright Policy (Howard)

Done.

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Howard went through some slides about the copyright policy of IEEE. This policy is relatively large so we are not going to include all the material here, but two key points must be kept in mind:

- Anything (verbal or written) we discuss we need to make sure it has not copyright, if it has, we cannot discuss it during the meeting without official permission from the copyright holder.
- Whenever you bring some material to the group and it is discussed along with our meetings, you are granting the copyright of it to the IEEE. Either if you are the holder or your affiliation center is the holder. In the later case, you would need permission from your company or university. Note that when something which has copyright it is discussed during our meetings (sometimes permission would be needed), automatically, the copyright license will be granted to the IEEE. Note that anything developed during our group work, will have a copyright license owned by IEEE once the standard gets published.

Technical discussion

Topic: *'IEEE-SA Balloting Process'* by Christy Bahn

Christy presented some slides about the IEEE-SA Balloting Process. We also discussed the date to start the balloting process. We decided to do it in March so that we can submit the standard for approval to IEEE-SA.

Next meeting's topic: nomination of presentation

- [March 5] Discussion and approval of our standard's draft

New business/announcements/events/last thoughts

- Draft ready by the end of March and start the balloting process. In September we will submit the standard for approval.
- Veera will submit a proposal for a special session at [ETFA 2021](#) (26th IEEE International Conference on Emerging Technologies in Factory Automation). He has started working on a proposal, you can ask him for further details. ETFA will be held from 7 to 10 of September in Västerås, Sweden ([call for special sessions](#)).
- Next official meeting - March 5

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Close meeting (Howard)

Adjourned 2:00 PM UTC