

IEEE P1752 Working Group

Minutes of conference call held on March 26, 2019 at 8 am Pacific Daylight Time

Conference call started at 8:00 am Pacific Daylight Time on zoom

Slide deck presented by Chair Dr. Ida Sim (available on WG website)

<http://sites.ieee.org/sagroups-1752/files/2019/03/2019-03-26-1752-slides.pdf>

Attendance recorded on a spreadsheet: 21 attendees

<https://tinyurl.com/yc3oxg6q> (note the way of marking attendance: 1 is used to indicate present voting members, 0 to indicate present non-voting members)

First Name	Last Name	Affiliation	26-Mar-19
Nazim	Agoulmine	IBISC Laboratory, University of Evry	0
Pradeep	Balachandran	Technology Consultant, e-health domain	1
Stephanie	Battista	Humanity Innovation Labs	1
Yusuf	Bhagat	Nypro	1
Keith	Boone	Audacious Inquiry	0
Christina	Caraballo	Audacious Inquiry	0
Simona	Carini	UCSF / OmH	1
Charlotte	Chen	Philips Healthcare	1
Michelle	Consolazio	Audacious Inquiry	0
Ronak	Gandhi	<independent resarcher> / JMA	0
Antoni	Grzanka	Medical University of Warsaw	0
Paul	Harris	University of Melbourne	1
Shivayogi	Hiremath	Temple University	1
Koichiro	Matsumoto	Nihon Kohden Corp.	0
Brian	Page	Ribbon Communications	1
Paul	Petronelli	PALM Associates, Inc.	0
Josh	Schilling	Vibrent	1
Ida	Sim	UCSF / OmH	1
Anna	Tee	IEEE	1
Tom	Thompson	IEEE	0
Anand	Tirtha	University of Memphis	0

Secretary explained call for voting membership: an explicit request to be emailed to her

Call to order

Patent policy read

Call for patents with result: none

Agenda:

1. Attendance
2. Call for Patents
3. Approval of agenda and prior minutes (if quorum present)
4. Updates from subgroups
5. Discussion: upcoming activities
6. Other business

Quorum established

Motion to approve agenda moved by Charlotte Chen, Philips Healthcare, seconded by Simona Carini, UCSF.

Vote: agenda approved unanimously

No prior minutes to approve.

Physical Activity / Mobility schema subgroup update from subgroup lead (slides included in the main slide deck referenced above). Subgroup plans to discuss schemas for PA Goal (including goal per day or per week or by a certain time)

Next subgroup call will be on Thursday March 28 at 8:00 am Pacific time (45 minutes)

Sleep subgroup update from subgroup lead (slides included in the main slide deck referenced above). Quantitative sleep measures: drafted schemas under review by the sleep subgroup. Qualitative sleep measures: working on drafting the schemas agreed upon. Next subgroup call will be on Tuesday May 7 at 8:30 am Pacific time (1 hour)

Discussion: Continuation of previous discussion on minimum metadata set with introduction of the concept of datasheet at various levels (personal, software, hardware datasheet, ADviCE common app, content TBD). Also introduced concept of static metadata (which changes on the order of months or less frequently and can be described in datasheets) and dynamic metadata (which changes more frequently, from ms to weeks)

HW datasheet (static metadata)

SW datasheet (static metadata)

Privacy policy at the app level (static metadata)

Personal privacy applied to individual data (dynamic, personal preferences in addition to GDPR and other regulations)

Acquisition metadata (dynamic)

Configuration is metadata

Input data to an algorithm is metadata

In the context of datastreaming, the particular checksum algorithm or encryption method used for data transmission error detection is dynamic metadata

Confidence of metadata

How do we reference all the datasheets and privacy policies?

Need to be agnostic to the specific ID scheme

Device itself may carry a privacy policy

Where is dynamic acquisition metadata stored?

Most of the IoT data is localized (e.g., hospital); acquisition then sent somewhere (onsite or on cloud). Data from device buffers (edge memory units) also streamed at stipulated intervals to the cloud or mobile gateway

Need to draw boundaries so we know where our bound is

Conference call adjourned

Next call: Tuesday April 16 at 8 am Pacific Time

Minutes taken by WG Secretary Simona Carini

Note: the WG call was later rescheduled for Tuesday April 30 at 8 am Pacific Time.