

IEEE P1752 Working Group

Minutes of conference call held on July 11, 2023, at 8 am Pacific Time

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

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

<https://sagroups.ieee.org/1752/wp-content/uploads/sites/277/2023/07/2023-07-11-1752-slides.pdf>

Attendance recorded on a spreadsheet: 17 attendees

(1 is used to indicate present voting members, 0 to indicate present non-voting members)

First Name	Last Name	Affiliation	11-Jul-23
Simona	Carini	UCSF / OmH	1
Charlotte	Chen	Philips Healthcare	1
Kevin	Clark	Cures Within Reach / NSF Access	1
Benay	Dara-Abrams	BrainJolt	0
Shawn	Forrest	FDA	0
Ray	Krasinski	Philips Healthcare	0
Raffaello	Leschiera	Engineering Ingegneria Informatica Spa (Italy)	1
M Sabarimalai	Manikandan	Indian Institute of Technology Palakkad	0
Graham	Melstrand	American Council on Exercise, Physical Activity Alliance	0
Brian	Page	Visiontech Communications	1
Hayden	Randles	University of Auckland	0
Vishnu	Ravi	Stanford Byers Center for Biodesign	0
Josh	Schilling	Vibrent Health	1
Ida	Sim	UCSF / OmH	1
Paul	Steiner	Dartmouth University	1
Laurie	Whitsel	American Heart Association	0
Malia	Zaman	IEEE SA	0

Call to order

Patent policy read

Call for patents with result: none

Code of Ethics presented

Copyright policy shown

Quorum established

Agenda:

1. Attendance
2. Call for Patents, Code of Ethics, Copyright Policy
3. Approval of agenda and prior minutes (if quorum present)
4. Updates from subgroups
5. Other business

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

Vote: agenda approved unanimously

Motion to approve minutes of the May 23, 2023, call, previously distributed, moved by Simona Carini, UCSF, seconded by Kevin Clark, Cures Within Reach / NSF Access
Vote: prior minutes approved unanimously

Update from Metabolic subgroup (slides presented are included in the main slide deck):
Subgroup started discussion on modeling food intake (diary) by looking at current examples of data organization: 1. by meal, 2. by macro-nutrients; 3. by micro-nutrients
Subgroup continued discussion on modeling components of body weight, e.g., fat %, muscle mass, etc. They also discussed the limitation of BMI and alternative measures taking its place (e.g., body adiposity index).

Update from CardioRespiratory subgroup (slides presented are included in the main slide deck).

1. Respiratory & plethysmography schema
 2. Blood pressure & hemodynamics schema
 3. Pulse & rhythm schema
 - Tier 0 (granular: in support derivations and research)
 - Tier 1 (basics: declared and/or derived metrics, ventricular-based)
 - Tier 2 (extensibility for clinical relevance: clinical rhythms)
- Possibly define new utility schemas

Action item: Secretary to remind WG about BG schemas to review and vote on them next time

Conference call adjourned at 8:40 am
Next call: Tuesday August 22 at 8 am Pacific Time
Minutes taken by WG Secretary Simona Carini, UCSF