

IEEE P1752.2 CardioRespiratory Measures Subgroup

Minutes of conference call held on May 26, 2022

Conference call started at 15:00 UTC (8:00 AM Pacific Time) on IEEE Webex

Attendance: 10 Attendees

Conner	McGraw	Wake Forest
Simona	Carini	UCSF / OmH
Josh	Schilling	Vibrent Health
Sakshi	Sardar	Critical Path Institute
Stephanie	Battista	Humanity Innovation Labs
M. Sabarimalai	Manikandan	Indian Institute of Technology Palakkad
Koichiro	Matsumoto	Nihon Kohden Corp.
Achilles	Kiwanuka	Makerere University, Kampala, Uganda
Carole	Carey	C3-Carey Consultants, LLC
Paul	Steiner	Dartmouth College

Agenda:

- Attendance and introductions, review of prior minutes
- Topical presentation: "Using IEEE iMeet" by Simona Carini
- Discussion of next steps (tasks)
- Other business: Next monthly meeting time preference

Today's meeting was focused on some "nuts and bolts" issues regarding data repository options, and particularly there was a focus on the use of the IEEE P1752 iMeet tools for secure organization and storage of draft documents that are the product of our work (particularly the cardiopulmonary schemas that we create). Version control was demonstrated, as some editing tools and other iMeet site resources potentially useful to the subgroup.

Individual member access to the iMeet site can be obtained via an e-mailed request to Simona Carini, as the site is password protected.

A subsequent group discussion occurred that dealt with considering key measures (and associated attributes) for potentially wide range of use case paradigms (for example, the relevance of the heart rate measurement across use case paradigms relevant to fitness & performance, health maintenance & wellness, and disease monitoring). Selection of representative use cases among such a range of paradigms remains a priority, which is a challenge given the overall broad scope of cardiorespiratory measures.

Existing schema libraries (such as some of the schemas within Open mHealth) can serve as a very helpful starting point and reference, but should not be viewed as constraint to the deliverables of the Cardiopulmonary subgroup.

The P1752.2 Cardiorespiratory Subgroup prior meeting minutes and some shared presentation slides from prior meetings have been posted to the group's web page at <https://sagroups.ieee.org/1752/cardio-respiratory-subgroup/>. Going forward, these also may be posted at the iMeet site in the Cardiopulmonary folder.

Action Items:

- Preparation of use case presentations addressing "fitness / performance / athleticism"
 - Preparation of use case presentation addressing "health / wellness" (the quantified self)
 - Request for specific use case proposals fitting the Health Care paradigm
 - Group communication through email & iMeet regarding to start to form small group focused on developing specific proposed use case types, along with preparation for presentation to the subgroup.
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Next meeting: June 30, 2022 at 15:00 UTC (8:00 AM Pacific Time)
Minutes taken by Paul Steiner (Dartmouth)