

## IEEE P1752.2 CardioRespiratory Measures Subgroup

*Minutes of conference call held on January 27, 2022*

Conference call started at 16:00 UTC (8:00 AM Pacific Time) on IEEE Webex

Attendance: 12 Attendees

Simona	Carini	UCSF / OmH
Juan	Crespo-Mariño	Mechatronics Engineering Dept, Tecnológico de Costa Rica
Sharmila	Devadoss	Medatech Health Systems, India
Marissa	Gray	Brown University
Shivayogi	Hiremath	Temple University
Achilles	Kiwanuka	Makerere University, Kampala, Uganda
M. Sabarimalai	Manikandan	Indian Institute of Technology Palakkad
Hamid	Mcheick	Université du Québec à Chicoutimi
Francesco Carlo	Morabito	University Mediterranea of Reggio Calabria, Italy.
Banu	Rekha	PSG College of Technology Coimbatore, India
Josh	Schilling	Vibrent Health
Ida	Sim	UCSF / OmH
Paul	Steiner	Dartmouth College

Agenda:

- Attendance
- Presentation: "Cardio-respiratory measures from PPG signals with expression and clinical relevance"
- Presentation: Proposed sections of CR measures to discuss expression of interest for each of the sections from participants
- Other business

Overview presentation "Cardio-respiratory measures from PPG signals with expression and clinical relevance" by M. Sabarimalai Manikandan. This discussion also addressed the matter of contextual interpretation of measures.

First pass discussion summarizing topical areas of focus within scope of subgroup's work

- Blood pressure / hemodynamics
- Cardiac rhythm
- Plethysmographic data
- Respiratory measures
- Alignment with existing "ground truth" landscape clinical data landscape

Action Items:

- Discussion on developing specification of use cases
- More background to inform the possibility for alignment of data specifications with other sources of "ground truth" cardiorespiratory data

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Next meeting: To be decided (~1 month)

Minutes taken by Paul Steiner (Dartmouth)