

IEEE P1752 Working Group

Minutes of conference call held on April 24 at 8 am Pacific Daylight Time

Conference call started at 8:00 am Pacific Daylight Time on join.me

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

<http://sites.ieee.org/sagroups-1752/files/2018/04/April-24-2018-1752.pdf>)

Call to order

Patent policy read

Call for patents with result: none

Agenda:

1. Attendance
2. Call for Patents
3. Approval of agenda and minutes of March 27 and April 10 calls (if quorum present)
4. Introduction of Sleep Schema subgroup
5. Discussion of Cardiovascular Schema subgroup scope and duties

Attendance recorded on a spreadsheet: 36 attendees

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

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

Quorum established

Vote on agenda: unanimous approval

Vote on approval of March 27 and April 10 minutes: unanimous approval

Sleep subgroup scope and duties (as approved)

Scope

The P1752 Sleep Schema Subgroup will review and propose Open mHealth schemas related to sleep. The scope includes but is not restricted to the following aspects of sleep: sleep macrostructure (e.g., sleep duration, sleep stages), sleep microstructure (e.g., arousals), subjective sleep (e.g., sleep refreshment), and other sleep-related phenomena (e.g., apnea). The focus of this Subgroup's work is on modeling data pertaining to sleep, and not on current or future individual devices or apps that measure various aspects of sleep.

Duties

By reviewing the clinical aspects of sleep and existing relevant devices and apps, the Subgroup shall deliver a list of common attributes as well as a list of clinically important attributes in the domain of sleep as scoped above. The Subgroup shall propose modified and new schemas relating to sleep, including examples as informed by use cases and the list of common and clinically important attributes. Finally, the Subgroup shall deliver a review of mappings and/or relationships to non-Open mHealth schemas.

Introduction of sleep subgroup work by subgroup chair Charlotte Chen (Philips Healthcare)

First call scheduled for May 1st at 8:30 am Pacific / 11:30 am Eastern time

Mailing list established and iMeet accounts almost complete

Discussion: Cardiovascular schema subgroup poll results

Draft Scope and Duties presented for discussion and approval

Questions/comments written in the chat box: main themes reported below

Yusuf Bhagat (Nypro): blood vessels' health (e.g., arterial stiffness)

Ida (chair): how close is arterial stiffness is to a common measure that can be standardize?

PPG area for standard: lots of work there (Post transit time → estimate BP)

Subhamoy Mandal (Tech University Munich): e-stethoscope measures

Fetal ECG/Congenital heart disease: any special measure?

Ida: any other measure pertaining physical activity that would suggest the need for a separate subgroup?

Shiv Hiremath (Temple University)

movement based what about GSR that are strength based?

mobility issues

Jakob Bardram (Technical University of Denmark) mobility without moving in space (e.g., treadmill, ergometer)

Google activity detection framework allows that, so doesn't need to be self-reported

Ida (chair) proposal: postpone vote and have a survey for people to sign up for CV only, PA only or joint CV-PA

Jakob Bardram waiting for mental health subgroup

Ida Sim: we will draft another survey and ask for additional subgroup

Let us know if you want additional questions added to the survey

Action items

- create and distribute survey for Cardiorespiratory with or w/o Physical activity included

Conference call adjourned

Next call: Tuesday, May 8 at 8 am Pacific Daylight Time

Minutes taken by WG Secretary Simona Carini