

IEEE P1752 Sleep Subgroup Meeting

Minutes of conference call held Sept 11, 2018, 8:30AM Pacific daylight time

Conference call started at 8:32 AM Pacific Daylight Time on join.me

Slide deck presented by subgroup Chair Charlotte Chen (available on iMeet)

Attendees:

Charlotte Chen (Philips)

Ray Krasinski (Philips)

Simona Carini (UCSF)

Banu Rekha(PSG College of Technology, India)

Josh Schilling (Vibrent Health)

Paul Harris

Koichiro Matsumoto

Havard Johansen

Anna T. (IEEE SA)

David Chen (AlayaTec)

Agenda

1. Introduction by Chair
2. Sleep Schema Use Case Open Discussion
3. Schema Development Preparation
4. Proposed Approaches
5. Adjourn

1. Introduction by Chair

2. Sleep Schema Use Case Open Discussion

- Current version of the Sleep Schema Use Case spreadsheet presented (please see the worksheet on iMeet)
- Charlotte reviews the first few sleep attributes listed in the current sleep schema use case spreadsheet as examples and solicits input from the group.
- There is a difference between measures taken individually and a person reporting their results. We also should be thinking about how to capture trends over time.
- Arousal Index attribute: Should this be a recommended index or a state with an array of possible states? Dr. White: If self-reporting allowed, then 1 minute should be the upper limit for an arousal, where longer arousal would be reported as an awakening. Setting limits may not be the correct approach...
- We should avoid being prescriptive when defining attributes and use cases. The schema should just provide a way of capturing values for attributes in a consistent manner across manufacturers without overly restricting implementers

3. Schema Development Preparation

- Goal for this group: determine which sleep attributes should be developed into sleep schemas
- An initial spreadsheet of potential attributes to build into schemas was circulated by Charlotte (please see worksheet on iMeet)
- Mapping of attributes to the schemas is important
- Descriptive names for the schemas are important, and names should reflect measurable values

4. Proposed Approaches

- Should we select schemas to develop as a full group or break up into subgroups and select and develop schemas?
- If anyone has time to work on drafting sleep schemas, please let Charlotte know!

5. Other Business

- none

Action Items

- Review/Comment on the use cases by Sept 14
- Review/Comments on list of attribute mappings to schemas by Sept 16
- Draft schemas completed by Oct. 22
- Propose the schemas with use cases on Nov 9.

Next Call:

Tuesday Oct 9 at 8:30AM Pacific Daylight Time is next planned group call

Minutes taken by subgroup secretary Ray Krasinski

Conference Call adjourned 9:32AM, PDT