

## IEEE P1752 Working Group

Minutes of conference call held on November 27 at 8 am Pacific Standard Time

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

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

Attendance recorded on a spreadsheet: 26 attendees

<https://tinyurl.com/yc3oxg6q> (note the 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

Call to order

Patent policy read

Call for patents with result: none

Agenda:

1. Attendance
2. Call for Patents
3. Approval of agenda and prior minutes (if quorum present)
4. Updates from subgroups
5. Discussion: upcoming activities
6. Other business

Quorum established:

Agenda approved unanimously

Prior minutes approved unanimously

Physical Activity / Mobility schema subgroup update from WG secretary (substituting for subgroup lead) (slides included in the main slide deck referenced above). Subgroup is discussing a generic physical activity schema that encompasses also the previously discussed step count schema plus additional use cases.

Next subgroup calls will be on Thursday November 29 at 8:00 am Pacific time (45 minutes)

Sleep subgroup update from subgroup lead (slides included in the main slide deck referenced above). Subgroup is reviewing list of mapping between sleep schemas and sleep attributes quantitative schema on sleep onset latency and will draft additional ones based on agreed upon list of relevant quantitative measures (documents are available on the WG space on iMeet Central). Qualitative schema work is about to start, based on list of important standard instruments provided by subgroup members.

Next subgroup call will be on Tuesday December 4 at 8:00 am Pacific time (1 hour)

Discussion on topics introduced by slide presentation (see link above) including:

- Summary of responses to latest survey re: metadata use cases and relevant metadata elements
- Discussion of location (context) as geolocation or named location (from a pre-defined value set; e.g., in one case, user is asked to choose a location before answering a survey); a special case of the latter would be a binary classification (e.g., “clinical setting” or not)
- It could be both; a note that GDPR requires thinking about this from the beginning, due to privacy ramifications); a reminder that privacy metadata was not selected for the minimum metadata set, based on survey responses
- Geofencing may be used to monitor people (e.g., Alzheimer’s patients at home)
- Proposal not to include source data modification in the minimum metadata set as it is an edge case; also reason for missing data in regularly sampled data (can be complex).
- Some devices want to always provide data even when unable to sample, so they use “stale” data. Proposal is to provide a flag indicating whether data is measured or interpolated/imputed
- Need to think more carefully whether a more hierarchical structure for metadata is needed (i.e., metadata for datapoint and metadata for data stream that are complementary)

Action items:

- Set up one-on-one calls between WG Chair and volunteers to discuss specific topics re: metadata.

Conference call adjourned

Next call: Tuesday December 11 at 8 am Pacific Standard Time  
Minutes taken by WG Secretary Simona Carini