

IEEE P1752 Working Group
Minutes of conference call held on April 10 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-10-2018-1752.pdf>)

Call to order
Patent policy read
Call for patents with result: none

Agenda:

1. Attendance
2. Call for Patents
3. Approval of P&P and minutes of March 13 call (if quorum present)
4. Discussion of subgroup topic
5. Discussion of subgroup approach and charter

Attendance recorded on a spreadsheet: 30 attendees
<https://tinyurl.com/yc3oxg6q>

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 13 minutes: unanimous approval

Presentation of sleep subgroup survey results

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

Sleep subgroup scope

Sleep macrostructure: sleep duration, latency, awakenings,

Sleep microstructure: individual phases within a sleep cycle, microawakenings

Other topics mentioned on the chat box:

- deep sleep
- sleep apnea
- psychological impact of device wearing on sleep
- hypoglycemia during sleep
- concomitant medications
- medical grade vs consumer grade devices (this topic was discussed in general in earlier WG calls)
- physiological and lifestyle measures
- sleep context / environment (air quality, noise, etc.)

Jakob Bardram (Technical University of Denmark) having some examples would be useful how would you get sleep data from some devices
Charlotte Chen (Philips Healthcare) use cases based on sleep disorders (e.g., insomnia)
Josh Schilling (Vibrent): environmental measures can be measured by various devices (set of equipment) or one device

Ida Sim (Chair): approach here is device-independent, we are representing the data
Context is also other data streams but what is so tightly connected with sleep that needs to be in the schema?

Discussion on Sleep Subgroup Scope/Duties

One addition to text proposed

Motion to approve

Seconded

Unanimous approval

Discussion on CV Subgroup Scope

Jakob Badram doesn't think physical activity should be part of CV group, should stick to CV features

ECG is real-time signal JSON schema not well suited to represent it

Subjective measures important

Lifestyle is context and can be measured in parallel and correlated to CV measures

ECG: there is raw signal but there are important features calculated from it that are relevant / important and want to capture

Ida Sim: we will draft another survey

Action items

- establish sleep subgroup with approved Scope/Duties

- create and distribute CV survey

Next meetings: April 24, May 8

Conference call adjourned

Next call: Tuesday, April 24 at 8 am Pacific Daylight Time

Minutes taken by WG Secretary Simona Carini