

# P1752 Working Group Meeting

Sponsored by IEEE Engineering in Medicine & Biology (EMB) Standards Committee

- 8 May 2018
- Teleconference

# Attendance

- This document shows attendance from previous calls <https://tinyurl.com/yc3oxg6q> (link in the chat window of join.me). **If you attended the call, please verify that your name is listed**
  - If not, email [simona@openmhealth.org](mailto:simona@openmhealth.org)
- **Put your name and affiliation in the chat window for attendance today.**
  - If your name is not listed, or if you are joining only via phone, please email [simona@openmhealth.org](mailto:simona@openmhealth.org) with “P1752 WG call” as subject
- Attendance is important for determining voting rights, so please remember to “check in”
- Voting rights are granted according to the P&P after attending two consecutive calls and by explicit request to the Secretary

# IEEE Patent Policy

# **Participants have a duty to inform the IEEE**

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential  
Essential Patent Claims is encouraged**

**Slide #1**

# **Ways to inform IEEE**

- **Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or**
- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**
- **Speak up now and respond to this Call for Potentially Essential Patents**

**If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair**

**Slide #2**

# Other guidelines for IEEE WG meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
  - Don't discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
    - Technical considerations remain the primary focus
  - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  - Don't discuss the status or substance of ongoing or threatened litigation.
  - Don't be silent if inappropriate topics are discussed ... do formally object.

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For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and  
*Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Slide #3

# Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE-SA Standards Board Bylaws* (<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- *IEEE-SA Standards Board Operations Manual* (<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at  
<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards  
Board Patent Committee Administrator at  
[patcom@ieee.org](mailto:patcom@ieee.org)

Slide #4

# Determination of Quorum

<https://tinyurl.com/yc3oxg6q>



# Approval of Agenda

1. Attendance
2. Call for Patents
3. Approval of agenda and prior minutes (if quorum present)
4. Discussion of Cardiorespiratory and Physical Activity/Mobility  
Schema subgroups and other results of survey
5. Update on Sleep Schema subgroup
6. Other business

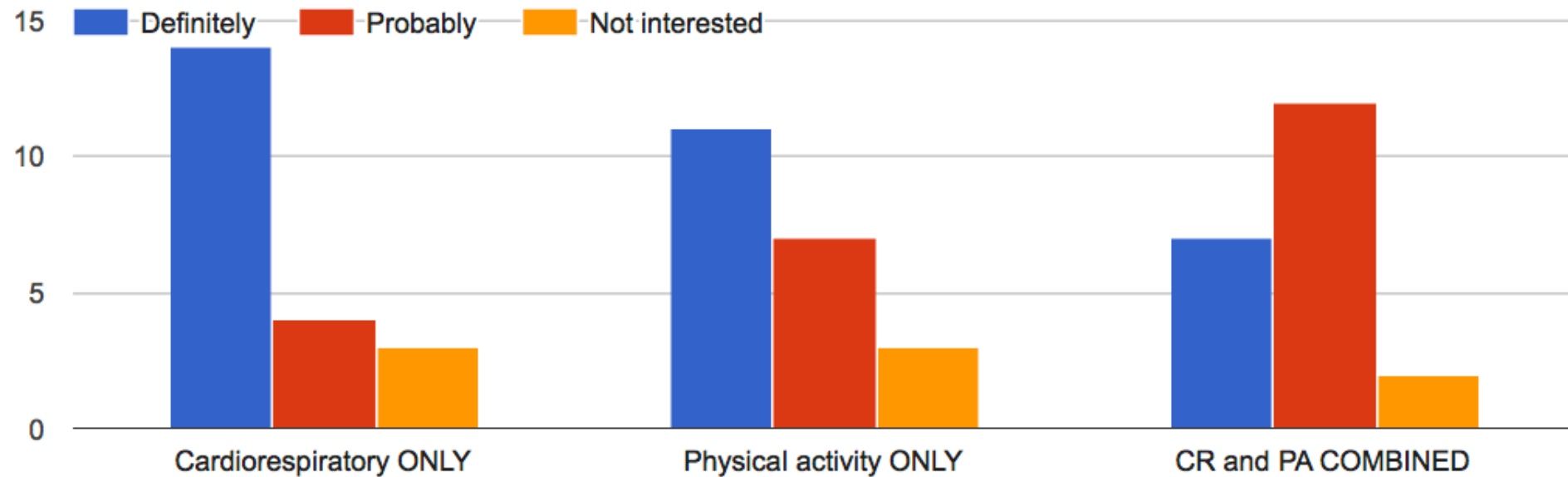
# Approval of Prior Minutes

(April 24 and May 8)

# Discussion: Cardiorespiratory Schema Subgroup(s)

# CR Schema Subgroup Poll Results

Please choose your interest level in contributing to these subgroup options



# Cardiorespiratory Scope and Duties (DRAFT)

## Scope

- The P1752 Cardiorespiratory Schema Subgroup will review and propose Open mHealth schemas related to cardiac and respiratory functions. The scope includes but is not restricted to the following: blood pressure, heart rate, heart rate variability, respiratory rate, O2 saturation, arterial stiffness, e-stethoscope measures. The focus of this Subgroup's work is on modeling data pertaining to cardiorespiratory measures, and not on current or future individual devices or apps that measure them.

## Duties

- By reviewing the clinical aspects of cardiorespiratory health and existing relevant devices and apps, the Subgroup shall deliver a list of clinically important measures in the cardiorespiratory domain, as scoped above. The Subgroup shall propose modified and new schemas relating to such measures, 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.

# Physical Activity and Mobility Scope and Duties (DRAFT)

## Scope

- The P1752 Physical Activity & Mobility Schema Subgroup will review and propose Open mHealth schemas related to physical activity and mobility functions. The scope includes but is not restricted to the following: step count, physical activity type and duration, kcal burned, VO2max, geotrace, geomobility. The focus of this Subgroup's work is on modeling data pertaining to physical activity and mobility measures, and not on current or future individual devices or apps that measure them.

## Duties

- By reviewing the clinical aspects of cardiorespiratory health and existing relevant devices and apps, the Subgroup shall deliver a list of clinically important measures in the physical activity and mobility domain, as scoped above. The Subgroup shall propose modified and new schemas relating to such measures, 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.

# Next Steps

- Soliciting chairs for both subgroups
  - Send Ida and Simona (self-)nominations by **Monday, May 14**
    - Name, Affiliation, Which Subgroup, Previous experience in domain, Why Interested
- Cardiorespiratory Subgroup will be prioritized as next subgroup

# Discussion: Other Subgroups



# Potential Additional Subgroups

- Mental Health – Jakob Bardram
- Medication Management
- Disease-based schema subgroup, e.g., Rare Congenital Heart Disease

# Update: Sleep Schema Subgroup

# Sleep Schema Subgroup Update (pg.1)

## ➤ **Held 1<sup>st</sup> meeting on May 1, 2018**

**(1) Determined/Reviewed the deliverables based on the scope and duties:**

- **Stage1 --- ground work**
- **Stage2 --- sleep schemas**

**(2) Discussed the general timelines/milestones (Target Date: Nov 6, 2018)**

# Sleep Schema Subgroup Update (pg.2)

## ➤ Decisions made during the meeting:

- (1) Agreed on “Divide and Conquer” approach
- (2) Agreed on meeting frequencies

## ➤ Action Items:

- (1) Look for volunteers to lead the task groups (In progress)
- (2) Look for a volunteer to take note during the subgroup meeting (Thanks to Ray Krasinski)
- (3) Form 3 task groups for stage 1
- (4) Task groups start to work soon

# Sleep Schema Subgroup Update (pg.3)

➤ May 1, 2018 Meeting Slides:

<http://sites.ieee.org/sagroups-1752/sleep-subgroup-meeting-materials/>

➤ Future Subgroup Meeting: 1<sup>st</sup> Tuesday every month (if no WG)

➤ Reminder:

If you would like to join our subgroup, please send email to

[simona@openmhealth.org](mailto:simona@openmhealth.org) or

[charlotte.chen@philips.com](mailto:charlotte.chen@philips.com)

# Non-WG Subgroup Participants

- Can be invited to present or participate without formality
- Can be invited to join the Sleep Subgroup (and be on sleep listserv and have access to the Sleep Subgroup iMeet space)
- Can be invited to join the main P1752 Working Group

# Future Work

# Upcoming Main WG Meetings

- May 22
  - Subgroup updates
  - Schema approach
- June 5
  - Subgroup updates
  - Schema approach (cont), API approach, intro to provenance



# Summary of Action Items

# Future Meetings

Continue with every other Tuesday at 8 AM Pacific / 11 AM Eastern

Upcoming meetings

May 22

June 5

# Adjournment