

Standards Activities Board Standards Committee (SAB SC)

9:00am ET to 11:04am ET
Tuesday, 20 June 2023
Revision 1

Participation reminder

- [IEEE Call for patents](#)
- [IEEE SA Copyright Policy](#)
- [IEEE SA Participation Slides](#)

- [IEEE Computer Society Standards Activities Board Standards Committee P&P](#)
- [IEEE Computer Society Policies and Procedures Manual \(Section 10\)](#)
- [IEEE Computer Society Standards Activities Board Standards Committee Conventions](#)

Agenda

- Call to order and Participation reminder
- Approval of agenda and past meeting minutes
- Status of Working Groups and PAR Study Group
- Deadline for submitting new/revised PARs
- P2888.2 PAR: Initial SA ballot
- P2888.4 PAR: Initial SA ballot
- P2807.1 PAR extension
- Status update from WG/PAR SG
 - Internet of Food Working Group
 - Working Group for XML Musical Application
 - Metaverse PAR Study Group
- Two new PAR proposals from Metaverse PAR Study Group
- Any other business

Minutes

- Call to order
 - Meeting called to order at 9:00 am ET
- Establish quorum
 - 5 out of 7 members in attendance
 - Quorum established
- IEEE Policies
 - Call for patents completed
 - No potential essential patents claimed
 - Reminded of the copyright policy and individual participation

Attendance

■ Members

- Edward Au, Huawei Canada/Self, Chair
- Jon Rosdahl, Qualcomm, Vice Chair
- Mike Montemurro, Huawei
- Robby Robson, Eduworks
- Wei Hong, Xiaomi

■ Staff

- Jonathan Goldberg, IEEE SA
- Soo Kim, IEEE SA

■ Guests

- Angelo Ferraro
- Mianchen Liu
- Xiangjuan Jia
- Xiaofeng Chen
- Ziming Zhou
- Goffredo Haus
- Luca A. Ludovico
- Ming Li
- Feng Wang

Approval of past meeting minutes

- **Motion:** Move to approve the meeting minutes of the C/SAB Standards Committee meeting on 21 March 2023
 - <https://ieee-sa.imeetcentral.com/p/aQAAAAAFCFRT>

- Move: Wei Hong
- Second: Mike Montemurro
- Discussion: None
- Result: Approved with unanimous consent

Status of Working Groups and PAR Study Groups (1)

- As of 16 June 2023, we have:
 - 23 Working Groups with active projects (excluding new PARs on NesCom agendas)
 - 44 active PARs (39 new PARs + 5 revision PARs)
 - 1 new PAR completes SA ballot phase
 - 1 new PAR and 2 revision PARs in SA ballot phase
 - 2 new PARs are in SA pre-ballot phase
 - 35 new PARs and 3 revision PARs in draft development
 - 1 PAR Study Group
 - 17 active published standards
 - 4 expired in December 2022 (to be withdrawn in March 2023):
 - 1680.2-2012, 1680.3-2012, 1680.2a-2017, 1680.3a-2017

Status of Working Groups and PAR Study Groups (2)

- **Initial SA ballot completed. Under comment resolution:**
 - Human Factors for Visual Experiences Working Group
 - P3333.1.1 (Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies)
 - Ballot closed on 10 July 2022 with 75% response rate and 77% approval.
 - Public review closed on 25 July 2022.
 - P3333.1.2 (Standard for the Perceptual Quality Assessment of Three Dimensional (3D), Ultra High Definition (UHD) and High Dynamic Range (HDR) Contents)
 - Ballot closed on 26 July 2022 with 78% response rate and 100% approval.
 - Public review closed on 25 July 2022.
 - Interfacing Cyber and Physical World Working Group
 - P2888.1 (Standard for Framework for Evaluating the Quality of Digital Human)
 - Ballot closed on 26 April 2023 with 77% response rate and 95% approval.
 - Public review closed on 24 May 2023.

Status of Working Groups and PAR Study Groups (3)

- **The following new PAR is under consideration by RevCom:**
 - Human Factors for Immersive Content Working Group
 - P3079.3 (Standard for Framework for Evaluating the Quality of Digital Human)
 - Ballot closed on 26 April 2023 with 86% response rate and 90% approval.
 - Public review closed on 19 May 2023.
 - Recirculation ballot on D3.0 closed on 25 May 2023 with 95% response rate and 90% approval.

Status of Working Groups and PAR Study Groups (4)

- **The following new PAR was approved by SASB:**
 - Ontology Standards Working Group
 - P3195.1.2 (Standard for Person Ontology)

- **The following PAR extension is under consideration by NesCom:**
 - Quantum Computing Nomenclature Working Group
 - P7130 (Standard for Quantum Technologies Definitions)

- **The following new baseline P&P is still under consideration by AudCom:**
 - Knowledge Engineering Standards Committee
 - [Latest draft](#) that addressed AudCom reviewers' comments

Status of Working Groups and PAR Study Groups (5)

- **Update on the C/SAB SC documents**
 - Working Group and PAR Study Group status ([2023/06/05](#))
 - Compendium of motions 2023 ([2023/05/12](#))

P2888.2 PAR: Initial SA ballot (1)

- Interfacing Cyber and Physical World Working Group is ready to start an initial SA ballot for draft standards ([D1.0](#)) of the P2888.2 PAR (Standard for Actuator Interface for Cyber and Physical Worlds).

P2888.2 PAR: Initial SA ballot (2)

- **Motion 2023-010:** Approve to forward P2888.2 Draft D1.0 to the Standards Association ballot process with a condition to resolve the following comments:
 - Line 8, shall is not allowed in scope statements. Change shall be to are.
 - Suggest another review of the text for idiomatic English in the text, otherwise expect many editorial comments.
- Move: Mike Montemurro
- Second: Jon Rosdahl
- Result: Approved (4 Yes, 0 No, 0 Abstain, 1 Did not vote)

P2888.4 PAR: Initial SA ballot (1)

- Interfacing Cyber and Physical World Working Group is ready to start an initial SA ballot for draft standards ([D1.0](#)) of the P2888.4 PAR (Standard on Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6 DoF)).

P2888.4 PAR: Initial SA ballot (2)

- **Motion 2023-011:** Approve to forward P2888.4 Draft D1.0 to the Standards Association ballot process.
 - Move: Wei Hong
 - Second: Robby Robson
 - Result: Approved (4 Yes, 0 No, 0 Abstain, 1 Did not vote)

P2807.1 PAR: Extension request

- P2807.1 (Standard for Technical Requirements and Evaluation of Knowledge Graphs), which is managed by Knowledge Graph Verification Working Group, expires on 31 December 2023. The Working Group requests an [extension](#) of 2 years for this PAR.

- **Motion 2023-012:** Approve forwarding the PAR modification document of P2807.1 to IEEE SASB NesCom.
 - Move: Mike Montemurro
 - Second: Jon Rosdahl
 - Result: Approved (4 Yes, 0 No, 0 Abstain, 1 Did not vote)

Deadline for submitting PARs for consideration

SAB SC deadline	Nescom deadline	NesCom meeting
27 January (PAST)	17 February	28 March
14 March (PAST)	4 April	15 May
28 April (PAST)	19 May	27 June
21 July	11 August	19 September
25 September	16 October	04 December

Status Update from WG/PAR SG

SAB SC meeting	Scheduled WG/PAR SG status presentation
7 February	<ul style="list-style-type: none">• Interfacing Cyber and Physical World Working Group• Ontology Standards Working Group
21 March	<ul style="list-style-type: none">• Distributed Ledger Technology in Agriculture Working Group
20 June	<ul style="list-style-type: none">• Internet of Food Working Group• Working Group for XML Musical Application• Metaverse PAR Study Group
1 August	<ul style="list-style-type: none">• TBD
5 September	<ul style="list-style-type: none">• TBD
10 October	<ul style="list-style-type: none">• TBD
12 December	<ul style="list-style-type: none">• TBD

First Round New PAR review (1)

- [Metaverse ecosystem-Reference model](#)
 - Presented by Ming Li (CESI) / Angelo Ferraro (University of South Carolina)
 - It is a new individual PAR request from the Metaverse PAR Working Group

First Round New PAR review (2)

- [Standard for digital human Classification and Identification](#)
 - Presented by Ming Li (CESI) / Angelo Ferraro (University of South Carolina)
 - It is a new individual PAR request from the Metaverse PAR Working Group

Any other business?

Annex 1: Officer information

Position	Name	Employed	Affiliation
Chair	Edward Au	Huawei Canada	Self
Vice Chair	Jon Rosdahl	Qualcomm	Qualcomm
Secretary (and Treasurer)	Wei Hong	Xiaomi	Xiaomi
Members	Dennis Brophy	Siemens EDA	Siemens EDA
	Michael Montemurro	Huawei	Huawei
	Annette Reilly	Self	Self
	Robby Robson	Eduworks	Eduworks
Staff (PM)	Jonathan Goldberg	IEEE SA	IEEE SA
Staff (PM)	Soo Kim	IEEE SA	IEEE SA

Annex 2: Meeting schedule 2023

SAB SC deadline	SAB SC calls 9~11am ET, Tue	NesCom deadline	NesCom meeting
27 January	7 February	17 February	28-30 March
14 March	21 March	4 April	15 May
28 April	2 May (CANCELLED)	19 May	27-29 June
–	20 June	–	–
21 July	1 August	11 August	19-21 September
–	5 September	–	–
25 September	10 October	16 October	04-06 December
–	12 December	–	–