

Standards Activities Board Standards Committee (SAB SC)

9:00am ET to 10:43am ET
Tuesday, 12 December 2023
Initial version

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
- Status update from WG/PAR SG
- P2796: Initial SA ballot
- Virtual E-Card Working Group: Vice Chair confirmation
- Updated Standards Committee P&P
- Readiness of establishing additional standards committees
- Any other business

Minutes

- Call to order
 - Meeting called to order at 9:00 am ET
- Establish quorum
 - 7 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
- Wei Hong, Xiaomi, Secretary and Treasurer
- Dennis Brophy, Siemens EDA
- Mike Montemurro, Huawei
- Annette Reilly, Self
- Robby Robson, Eduworks

■ Staff

- Jonathan Goldberg
- Soo Kim

■ Guests

- Sang Kwon Jeong, JoyFun
- Jun Young Kwak, Hansung University
- Beom-Ryeol Lee, ETRI
- Seung Wook Lee, ETRI
- Hyun K Lim, KRISS
- Kyoungro Yoon, Konkuk University

Approval of past meeting minutes

- **Motion:** Move to approve the meeting minutes of the C/SAB Standards Committee meeting on 6 October 2023
 - <https://iee-sa.imeetcentral.com/p/aQAAAAAFEhSa>

- Move: Robby Robson
- Second: Jon Rosdahl
- Discussion: None.
- Result: Approved with unanimous consent

First Round New PAR review

- [P3079.3.2](#): Standard for a Framework for Privacy Protection through Identifiability Management in Avatar Interaction
 - Presented by Seung Wook Lee (ETRI)
 - It is a new individual PAR request from the Human Factor for Immersive Contents Working Group

- **[Not considered] Motion 2023-026**: Approve forwarding the P3079.3.2 PAR documentation entitled “Standard for a Framework for Privacy Protection through Identifiability Management in Avatar Interaction” to IEEE SASB NesCom.
 - Move:
 - Second:
 - Result:

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"> • Talent Management Working Group • Working Group for Standard for Environmental Assessment of Imaging Equipment and Television
5 September	<ul style="list-style-type: none"> • Financial Knowledge Graph Working Group
6 October	<ul style="list-style-type: none"> • None
12 December	<ul style="list-style-type: none"> • Human Factor for Immersive Contents Working Group <ul style="list-style-type: none"> • P3079.2

First Round Revised PAR review

- [P3079.1](#): Motion to Photon (MTP) Latency in Virtual Environments
 - Presented by Sang Kwon Jeong (JoyFun)
 - It is a revised individual PAR request from the Human Factor for Immersive Contents Working Group

- **[Not considered] Motion 2023-027**: Approve forwarding the P3079.1 PAR documentation entitled “Motion to Photon (MTP) Latency in Virtual Environments” to IEEE SASB NesCom.
 - Move:
 - Second:
 - Result:

First Round Revised PAR review

- [P3079.2](#): Mixed Reality (MR) Standard Framework for Motion Training
 - Presented by Sang Kwon Jeong (JoyFun)
 - It is a revised individual PAR request from the Human Factor for Immersive Contents Working Group

- **[Not considered] Motion 2023-028**: Approve forwarding the P3079.2 PAR documentation entitled “Mixed Reality (MR) Standard Framework for Motion Training” to IEEE SASB NesCom.
 - Move:
 - Second:
 - Result:

First Round Revised PAR review

- P3401: Standard for the Visual Quality Assessment of Auto-Stereoscopic Displays
 - It is a revised individual PAR request from the Human Factor for Immersive Contents Working Group in changing the PAR number from P3401 to P3079.4

- **Motion 2023-029:** Approve changing the number of the PAR "Standard for the Visual Quality Assessment of Auto-Stereoscopic Displays" from 3401 to 3079.4 and forward it to IEEE SASB NesCom for consideration.
 - Move: Mike Montemurro
 - Second: Robby Robson
 - Result: Approved (6 Yes; 0 No 0; Abstain)

P2888.5 PAR: Initial SA ballot

- Interfacing Cyber and Physical World Working Group is ready to start an initial SA ballot for draft standards ([D1](#)) of the P2888.5 PAR (Standard for Evaluation Methods of Virtual Training Systems).

- **Motion 2023-030:** Approve to forward P2888.5 Draft D1 to the Standards Association ballot process.
 - Move: Dennis Brophy
 - Second: Mike Montemurro
 - Result: Approved (6 Yes; 0 No; 0 Abstain)

Talent Management Working Group Chair

- Chair of the Talent Management Working Group (that manages P3154 PAR, Recommended Practice for the Application of Knowledge Graphs for Talent Services) has recently changed their affiliation.

- **Motion 2023-031:** Move to confirm Hengshu Zhu (Kanzhun Limited) as the Chair of the Talent Management Working Group, conditional on the notification of completion of any and all training courses required by SASB.
 - Move: Dennis Brophy
 - Second: Robby Robson
 - Result: Approved (6 Yes; 0 No; 0 Abstain)

Status of Working Groups and PAR Study Groups (1)

- **The following new baseline P&P was approved by SASB on 29 June 2023:**
 - Knowledge Engineering Standards Committee (KESC)
- **The following standards and PARs have been approved by SASB to transfer to KESC that the Standards Committee also accepted :**
 - Standards:
 - IEEE 2807-2022, IEEE 2807.3-2022
 - PARs:
 - IEEE P2807.1, IEEE P2807.2 (to be transferred after the end of the SA ballot series), IEEE P2807.4, IEEE P2807.5, IEEE P2807.7, IEEE P2807.8

Status of Working Groups and PAR Study Groups (2)

- **The following standards were approved by SASB on 8 November 2023:**
 - Interfacing Cyber and Physical World Working Group
 - P2888.1 (Standard for Framework for Evaluating the Quality of Digital Human)
 - P2888.2 (Standard for Actuator Interface for Cyber and Physical Worlds)

- **The following PAR withdrawals were approved by SASB on 8 November 2023:**
 - Mini-program Architecture and Technical Requirements Working Group
 - P2858 (Standard for Mini-program Architecture and Technical Requirements)
 - Open Source Software Project Governance Working Group
 - P3190 (Recommended Practice for Open Source Software Project Governance)

Status of Working Groups and PAR Study Groups (3)

- **The following new PAR was approved by SASB on 8 November 2023:**
 - Human Factors for Immersive Content Working Group
 - P3401 (Standard for the Visual Quality Assessment of Auto-Stereoscopic Displays)

- **The following standards were approved by SASB 6 December 2023:**
 - Interfacing Cyber and Physical World Working Group
 - P2888.4 (Standard on Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6 DoF))

Status of Working Groups and PAR Study Groups (4)

■ Under recirculation SA ballot:

- Working Group for Standard for Environmental Assessment of Imaging Equipment and Television
 - P1680.2 (Standard for Environmental Assessment of Imaging Equipment)
 - Ballot closed on 23 October 2023 with 88% response rate and 95% approval.
 - Public review closed on 12 November 2023.
 - Recirculation SA ballot begins on 5 December 2023, and is scheduled to close on 14 December 2023.
 - P1680.3 (Standard for Environmental Assessment of Televisions)
 - Ballot closed on 23 October 2023 with 81% response rate and 95% approval.
 - Public review closed on 12 November 2023.
 - Recirculation SA ballot begins on 5 December 2023, and is scheduled to close on 14 December 2023.

Status of Working Groups and PAR Study Groups (5)

■ Under recirculation SA ballot:

- 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.
 - Recirculation SA ballot begins on 8 December 2023, and is scheduled to close on 18 December 2023.
 - 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.
 - Recirculation SA ballot begins on 8 December 2023, and is scheduled to close on 18 December 2023.

Status of Working Groups and PAR Study Groups (6)

■ Under second recirculation SA ballot:

- Talent Management Working Group
 - P3154 (Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies)
 - Initial SA ballot closed on 16 November 2023 with 100% response rate and 100% approval.
 - Public review is scheduled to close on 16 December 2023.
 - Initial Recirculation SA ballot closed on 7 December 2023 with 100% response rate and 100% approval.
 - Second Recirculation SA ballot opens on 11 December 2023 and schedules to close on 21 December 2023.

Status of Working Groups and PAR Study Groups (7)

- As of 7 December 2023, we have:
 - 23 Working Groups with active projects (excluding new PARs on NesCom agendas)
 - 35 active PARs (30 new PARs + 5 revision PARs)
 - 2 new and 4 revision PARs in SA ballot phase
 - 2 new PARs are in SA pre-ballot phase
 - 26 new and 1 revision PARs in draft development
 - 13 active published standards

Status of Working Groups and PAR Study Groups (8)

- **Update on the C/SAB SC documents**
 - Working Group and PAR Study Group status ([2023/12/10](#))
 - Compendium of motions 2023 ([2023/10/06](#))

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 (PAST)	11 August	19 September
23 August (PAST)	13 September	24 October
25 September (PAST)	16 October	04 December
12 December	19 December	29 January

Any other business?

- None

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
23 August	5 September	13 September	24 October
25 September	6 October (UPDATED)	16 October	04-06 December
28 November	12 December	19 December	29 January