**­­­IEEE Communications Society Standards Development Board (COM/SDB)**

**Draft Minutes**

Friday, November 11, 2016, 10:00 AM EST – 12:00 PM EST

**Teleconference via WebEx­­**

1. **Call to Order**

Prof. Mehmet (Chair) called the meeting to order at 10:05 AM EST and reminded participants about IEEE Standards and the Law <http://standards.ieee.org/develop/policies/stdslaw.pdf>, and to declare or update their affiliations and standards activities listed in the Roll Call.

1. **Roll Call and Establish Quorum**

Chair conducted the roll call. According to the table below showing the voting status, Quorum is achieved.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Voting Members** | **Attendance** | **Voting Status** | **Affiliations** | **Standards Participation** |
| Mehmet Ulema (Chair) | X | X | * Professor, Manhattan College * Director, Standards Development Board, IEEE ComSoc * Chair, IEEE COM/SDB * Advisory Member, IEEE COM/SPDB * Member, IEEE SASB * Member, IEEE-SA RevCom * Member, IEEE-SA AudCom | * Chair, IEEE P1903.1, P1903.2, P1903.3 * Chair, IEEE 1903 WG |
| Glen Kramer (Vice-Chair, Treasurer) |  | X | * Technical Director, Broadcom Ltd. * Vice-Chair & Treasurer, IEEE COM/SDB | * Chair, IEEE 1904 WG |
| Niranth Amogh (Secretary) | X | X | * Principal Researcher, Huawei * Secretary, IEEE COM/SDB | * IEEE P1903.1, P1903.2, P1903.3 * Vice-Chair, GISFI CSeON WG * TSDSI * 3GPP SA6 |
| Brian Daly | X | X | * Director, AT&T * Member, IEEE COM/SDB | * 3GPP * ATIS * 4G Americas * Next Gen Mobile Network Alliance * IEEE 802 |
| Jean-Philippe Faure “JP” |  | X | * CEO, Progilon (Representing Panasonic in IEEE activities) * Chair, IEEE-SA SASB * Member, IEEE COM/SDB * Chair, IEEE COM/PLC | * Chair, IEEE P1901 * IEEE P1905.1 |
| Hiroshi Harada |  |  | * Director, Smart Wireless Laboratory, NICT * Co-Founder, Wi-SUN Alliance   + Co-Chair, Board   + Chair, ECHONET WG * Board, WhiteSpace Alliance * Board of Directors, Wireless Innovation Forum (SDR Forum) * Visiting Professor, University of Electro-Communications * Chair, IEEE COM/DySPAN-SC * Member, IEEE COM/SDB * Professor, Kyoto University | * Vice Chair, IEEE 1900.4, 802.15.4g, 802.15.4m * Vice Chair, TIA TR-51 * Chair, Public Broadband Mobile Communication Development Committee, ARIB |
| Chih-Lin I |  |  | * Chief Scientist, Wireless, CMCC * Member, IEEE COM/SDB * Member, IEEE ComSoc SPC | * IEEE P1914 * 3GPP |
| Jon Rosdahl |  | X | * Engineer, Senior Staff, Qualcomm Technologies, Inc. * Member, IEEE COM/SDB | * Executive Secretary, IEEE 802 * Vice Chair & Treasurer, IEEE 802.11 * Vice Chair/Secretary, IEEE 802.11 REVmc TG |
| Ariel Sobelman |  |  | * Valens Semiconductor * HDBaseT Alliance * Member, IEEE COM/SDB * Member, IEEE CAG | * Chair, IEEE 1911 |
| **Advisory Members** | | |  |  |
| Alex Gelman | X | - | * CTO, NETovations Group, LLC * Director and Chair, Standardization Programs Development Board, IEEE ComSoc * Advisory Member, IEEE COM/SDB * Member, IEEE SCC42 Transportation * Member, IEEE Sensors Council Standards Committee | * No standards participation |
| Kevin Lu | X | - | * Adjunct Professor, Stevens * Advisory Member, IEEE COM/SDB * Vice-Chair, IEEE COM/SPDB * Member, IEEE-SA NesCom * Member, IEEE SASB * Member , IEEE-SA ICCom * Member, IEEE SCC42 Transportation | * No standards participation |
| Curtis Siller |  | - | * Enginnovation * Advisory Member, IEEE COM/SDB * Member, IEEE ComSoc Governance Committee * Member, IEEE ComSoc ad hoc Fellow Evaluation Committee * Director, IEEE ComSoc Sister and Related Societies * Corresponding member to IEEE History Committee, on behalf of (but NOT member of) PSPB | * No standards participation |
| **Ex Officio Member** | | |  |  |
| Rob Fish | X | - | * President, NETovations Group, LLC * VP, Industry and Standards, IEEE ComSoc * Princeton University * Ex-Officio Member, IEEE COM/SDB * Member, IEEE Conferences Committee | * No standards participation |
|  | | |  |  |
| Jonathan Goldberg |  | - | * Manager, IEEE-SA, Operational Program Management | * No standards participation |
| Soo Kim | X | - | * Client Services Manager, IEEE-SA | * No standards participation |
| Nicholas | X |  | * Programs coordinator, IEEE-SA | * No standards participation. |
| **Other Participants** | | |  |  |
| Syam Madanapalli | X | - | * Dell, India | * IEEE Smart Cities Standards Subcommittee and the Vice chair of IEEE SA - Standards Interest Group in India * P1722.1, P1900.5.2 and P1900.6 |
| Kamesh Namuduri | X | - | * Associate Professor, Univ. of North Texas | * Chair, IEEE 1920.1 WG |
| John Bareham | X | - | * Consultant in ElectroAccoustics | * Chair IEEE Communications Electroacoustics WG |
| Nirmala Shenoy | X | - | * Prof, RIT | * Chair, IEEE 1910 WG |
| Mohammad Asad | X | - | * Soptimizer | * Chair, IEEE 1916.1 WG |
| Lillie Coney | X | - | * U.S. House of Representatives * Bruce Corporation | * Chair, IEEE 1912 WG |
| **ComSoc TC Liaisons** | | |  |  |
| Aman Singh | X | - | * Palindrome Tech | * Member, P1915, P1916 |
| Henry Suthon | X | - | * Principal Senior Engineer, Barios Technologies | * No standards participation. |

Appendix A provides a list of Liaisons (or Chair if there is no designated standards liaison) from ComSoc Technical Committees and Emerging Technical Subcommittees.

1. **[DECISION] Approval of Agenda**

**[Motion]** “Approve the Agenda” - Niranth moved and Rob seconded.

**[Result]** APPROVED by acclamation as there were no objections.

1. **[DECISION] Approval of the COM/SDB Minutes of the last meeting**

**[Motion]** “Approve the COM/SDB 10-Oct’16 minutes” - Niranth moved and Rob seconded.

**[Result]** APPROVED by acclamation as there were no objections.

1. **[DECISION] Old and Unfinished Business**
   1. **P1931.1 Standard for an Architectural Framework for ROOF Computing**

**[Motion]** “Approve P1931.1 PAR with the following changes to the scope:

*Furthermore, this standard defines how the end user is able to securely provision, commission and decommission the devices*;

and appoint Syam Madanapalli as the WG chair” Alex Gelman moved and Rob seconded.

**[Result]** APPROVED by general acclamation as there are no objections

* 1. **Extension of P1903.1, .2, .3**

**[Motion]** “Approve the extension of P1903.1, P1903.2 and P1903.3 PARs for one more year” Alex Gelman moved and Niranth seconded.

**[Result]** APPROVED by general acclamation as there are no objections

1. **[DECISION] New Business**
   1. **P1920.1 WG P&P**

**[Motion]** “Approve 1920.1 WG P&P as provided in Draft-IEEE-P1920.1-WG-P&P-rev1.doc” Brian moved and Alex Gelman seconded.

**[Result]** APPROVED by general acclamation as there are no objections

* 1. **Appointment of WG Chair 1912**

**[Motion]** “Approve the election of William Scheible as 1912 WG chair” Rob moved and Brian seconded.

**[Result]** APPROVED by general acclamation as there are no objections

1. **[INFORMATION] Reports**
   1. **Chair**

Rapid reaction standardization activity on 5G was conducted in Berlin on 1st Nov 2016.

* 1. **Financial Report**

October 2016 financial report was received.

* 1. **Reports from Working Group Chairs**
* **1652 Communication Electroacoustics:**

No update

* **1903 NGSON - P1903.1/P1903.2/P1903.3:**

Sponsor ballot is in progress.

* **1904 Access Networks – P1904.1 rev, P1904.2, P1904.3:**

No update

* **1908.1 Indic Virtual Keyboards:**

Discussion is in progress with TSDSI.

* **1910 Loop-Free Switching and Routing - 1910.1**

Work is in progress. Next meeting is in December 2016 colocated with IEEE GLOBECOM 2016.

* **1911 HDBT5 – 1911.1, 1911.2, 1911.3**

1911.1 and 1911.2 has been withdrawn

1911.3 work is in progress

* **1912 Privacy and Security Architecture for Consumer Wireless Devices**

Standard outline is completed.

* **1913 Software Defined Quantum Communications**

Update is received via email.

Work in progress. Monthly meetings are held.

* **NGFI – P1914.1**

No update

* **SVE – P1915.1**

Use case analysis is in progress

* **PVE – P1916.1**

Performance requirements analysis work is in progress

* **RVE – P1917.1**

Next meeting is on 2nd Dec 2016

* **1918.1 Tactile Internet**

F2F meeting is planned during 8 to 10 Dec 2016

* **1920 Aerial Communications**

WG P&P is approved. Next meeting is planned on 18th Nov 2016

* **2410 BOP**

No update

* **2413 IoT Framework**

Received the WG report.

* 1. **Reports from ComSoc Standards Committee**
* DySPAN

No update

* PLC

Received report via email.

P1901.1 Standard for medium frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications The SASB approved the project in September. The WG will hold its first meeting on November 15 – 16, 2016 in Shenzhen, China.

IEEE 1901-2010 Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications ISO/IEC JTC 1/SC 6/WG 1 shared with the PLCSC and ITU-T Q18/15 a first draft of coexistence between ISO/IEC 12139-1, IEEE 1901 and ITU-T G.hn. The PLCSC is preparing a response.

IEEE 2030.5-2013 Standard for Smart Energy Profile Application Protocol At the last plenary meeting IEC PC118 passed a vote in favor of the adoption of 2030.5-2013 by IEC (5 Yes, 3 No). Next step is unclear. It will be discussed at the IEC SMB.

P2030.5, project for a revision, is progressing.

* 1. **CAG Report**

CAG meeting is during 1st week of Dec 2016

1. **Adjournment**

* Training material on standards should be prepared for projects under COM/SDB.
* Editor is required for the chapter on on-going standardization activities in the "Communications and Networking Standards Magazine".
* Chair thanked everyone for participating in the meeting and adjourned the meeting at 11:15 AM EST.

**Appendix A: ComSoc Technical Committee and Subcommittee Liaisons**

|  |  |  |
| --- | --- | --- |
| **Technical Committee** | **Liaison** | **Affiliation** |
| Ad Hoc & Sensor Networks | R. Venkatesha Prasad | TU Delft |
| Cognitive Networks | Mouli Chandramouli | Stevens |
| Communications & Information Security | Neeli Prasad | Aalborg University |
| Communications Quality & Reliability | Hideaki Yoshino | NTT |
| Communications Software | Jaime Lloret Mauri | Polytechnic University of Valencia |
| Communications Switching & Routing | Henry Suthon | Barrios Technology |
| Communications Systems Integration & Modeling | Harry (Charalabos) Skianis | U Aegean |
| Communication Theory | Sana Sfar | HKUST |
| Computer Communications | R. Venkatesha Prasad | TU Delft |
| Data Storage | Tiffany Jing Li | Lehigh |
| e-Health | Hsi-Pin Ma | National Tsing Hua University |
| High-Speed Networking | Gumaste Ashwin | IIT/MIT |
| Information Infrastructure & Networking | Yacine Ghamri-Doudane | ENSIIE |
| Internet | Periklis Chatzimisios | ATEITHE |
| Multimedia Communications | Ali Begen | Cisco |
| Network Operations & Management | Marcus Brunner | NEC Europe |
| Optical Networking | Josué Kuri | Infinera |
| Power Line Communications | Haniph Latchman | U Florida |
| Radio Communications | George Chrisikos | Qualcomm |
| Satellite & Space Communications | Igor Bisio | University of Genoa |
| Signal Processing & Communications Electronics | Rath Vannithamby | Intel |
| Transmission, Access, & Optical Systems | Frank Effenberger | Huawei |
| Wireless Communications | Sumei Sun | Institute for Infocomm Research |
| **Emerging Technical Subcommittee** |  |  |
| Applications of Nanotechnologies in Communications | Dilip Krishnaswamy | Qualcomm |
| Autonomic Communications | Spyros Denazis | University of Patras |
| Cable Networks & Services | Mehmet Toy | Comcast |
| Cloud Communications & Networking | Masum Z. Hasan | Cisco |
| Green Communications and Computing | Jinsong Wu  Shengjie Zhao | Alcatel-Lucent  Tongji University, China |
| Human Centric Communications | John Buford | Avaya |
| Innovation and Standards in Information and Communication Technologies (ISICT) | SM Hasan | GE |
| Integrated Fiber & Wireless Technologies | Steve Weinstein | CTTC |
| Internet of Things | Latif Ladid | IPv6 Forum |
| Nano-Scale, Molecular, and Quantum Networking | Andrew Eckford | York University |
| Peer-to-Peer Networking | John Buford | Avaya |
| Situation Management | Gabe Jakobson | Altusys |
| Smart Grid Communications | Petar Popovski | Aalborg University |
| Social Networks | Kwang-Cheng Chen | National Taiwan University |
| Vehicular Networks & Telematics Applications (VNTA) | T. Russell Hsing | National Chiao Tung University |