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

**Draft Minutes**

Monday 04 December 2017, 09:00 AM – 11:00 AM (Singapore Time)

Face to Face meeting and WebEx Call

Marina Bay Sands hotel in Singapore

1. **Call to Order**

Chair called the meeting to order at 09:10 AM (Singapore time) 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, Voting status of the members, and Establish Quorum**

Chair conducted the roll call. According to the table below showing the voting status, Quorum is not 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 NesCom * Member, IEEE-SA AudCom * Chair, COM/NetSoft | * 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 * Vice-Chair, IEEE 802.3ca |
| Niranth Amogh (Secretary) |  | 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 | * Director, AT&T * Member, IEEE COM/SDB | * 3GPP * ATIS * 5G 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 * 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 |
| Oliver Holland |  | X | * King’s College London * Member, IEEE COM/SDB * Chair, IEEE COM/MobiNet Standards Committee * Vice-Chair, IEEE DYSPAN Standards Committee * Board Member, Whitespace alliance | * Chair, IEEE 1918.1 * Chair, IEEE 1900.6, * Vice-Chair, IEEE 802.22 * Vice-Chair, IEEE 1900.1 * Vice-Chair, IEEE 1900.7 * Vice-Chair, IEEE 802.22.3 |
| Jaafar Elmirghani |  | X | * University of Leeds * Member, IEEE COM/SDB * Chair, COM/GreenICT SC | * Chair, IEEE EEICT * Chair, IEEE P1925.1, P1926.1, P1927.1, P1928.1, P1929.1 * Member of IEEE 1922.1, 1922.2, 1923.1, 1924.1 * IEEE GreenICT Initiative |
| Jim Lansford | X | X | * Director, Technical Standards, Qualcomm Technologies, Inc. * Adjunct Professor, University of Colorado – Boulder * Member, IEEE COM/SDB | * Chair, IEEE 802.11 Wireless Next Generation Standing Committee * Liaison from IEEE 802 to IEEE SCC42 * Chair, Wi-Fi Alliance Long Range Strategy Task Group * Chair, Wi-Fi Alliance Automotive Market Segment Task Group * Chair, Wi-Fi Alliance DSRC Marketing Task Group * Chair, Wi-Fi Alliance DSRC Technical Task Group |
| **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 Sensors Council Standards Committee * Chair, Access Core Standards Committee | * No standards participation |
| Kevin Lu |  | - | * Adjunct Professor, Stevens * Advisory Member, IEEE COM/SDB * Vice-Chair, IEEE COM/SPDB * Member, IEEE-SA RevCom * Member, IEEE SASB * Member , IEEE-SA ICCom * Member, IEEE SCC42 Transportation * IEEE SCC Coordinator * Member, IEEE SEC | * No standards participation |
| Curtis Siller | X | - | * 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 |
| Chih-Lin I |  | - | * Chief Scientist, Wireless, CMCC * Advisory Member, IEEE COM/SDB * Member, IEEE ComSoc SPC | * IEEE P1914 * 3GPP |
| **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 |
| **IEEE-SA Staff** | | |  |  |
| Nicholas Orlando |  | - | * IEEE-SA Program Coordinator | * No standards participation |
| **Other Participants** | | |  |  |
|  |  |  |  |  |
| Tarek El-Bahab | X |  | * Jackson State University | * None |
| Adam Greenberg | X |  | * IEEE ComSoc | * None |
| **ComSoc TC Liaisons** | | |  |  |
| Henry Suthon |  |  | * Barrios Tech | * Switching and Routing TC |

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**

**Since there was no quorum, no voting took place.**

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

**Since there was no quorum, no voting took place. No objections were voiced on either, however.**

1. **Old and Unfinished Business**
   1. **None**
2. **[INFORMATION] Reports**
   1. **Chair**

Attached. See Appendix B.

* 1. **Financial Report**

No report was available.

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

1900.1, 1900.5, and 1900.6 are actively developing standards, there is a December 18-20 plenary meeting scheduled in which three WGs will meet face to face. More detailed report to follow that meeting.

* **PLC**

The P2030.5 initial sponsor ballot closed Nov 21; the P1901.1 initial sponsor ballot to close December 8. Nothing to report on P1901.1; current draft still expected for P2413. There is a new P1901.3 PAR on NESCOM’s agenda for its 12/5 meeting.

* **NetSoft**

About to generate three standards under 1903 with the hope they will be published in a few weeks. All the rest are making good progress.

* **MobiNet**

1918 Tactile Internet Working Group was meeting in Singapore at same time as this Board meeting. The other WGs are making good progress.

* **GreenICT**

No report was available

* **EdgeCloud**

P&Ps were approved by SA at the end of September, and three projects were consolidated into the group. A fourth WG (Fog computing and networking) was just approved.

* **AccessCore**

This committee was formed around the same time as EdgeCloud, its P&Ps also were recently approved by SA.

* 1. **Reports from Working Group and Study Group Chairs**
* **COM/SDB/CEA**

No update

* **SG on Frugal 5G**

This SG for making 5G technology available to rural areas with a focus on India, is expected to submit a draft PAR by the end of 2017.

* 1. **Reports from Ad Hoc Groups**

No AdHoc group.

* 1. **SASB Report**

SASB is Meeting the week of 12/5; three ComSoc new projects to be approved and three standards to be approved to be published.

* 1. **CAG Report**

No update available.

1. **New Business**
   1. **Transitional matters**

Conducted a transitional information exchange with Tarek El-Bawab, who is the candidate for the COM/SDB Board Chair to succeed the current chair.

1. **Next Meeting**

To be decided by the next chair.

1. **Adjournment**

Chair thanked everyone for participating in the meeting and adjourned the meeting at 10:30 AM Singapore time.

**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 | Zaher Dawy | American University, Beirut |
| 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 | George Alexandropoulos | ? |
| 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 |

**Appendix B: Chair Report**

