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

**Approved Minutes**

Monday, June 10, 2013, 4:00 PM CEST – 5:30 PM CEST

1. **Face-to-face meeting with Teleconference via WebEx**

Guimard Room at Sofitel Budapest Chain Bridge Hotel during ICC 2013 in Budapest, Hungary

1. **Call to Order**

Kevin Lu (Chair) called the meeting to order at 4:05 PM CEST 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 Appendix A.

1. **Roll Call and Establish Quorum**

The chair conducted the roll call and established the quorum:

| **Voting Members** | **Affiliation** | **Attendance** | **Voting Status** |
| --- | --- | --- | --- |
| Farooq Bari | AT&T | X | X |
| Jean-Philippe Faure | Panasonic |  | X |
| Nada Golmie | NIST |  |  |
| Hiroshi Harada | NICT |  |  |
| Paul Houzé | Microsoft | X | X |
| Glen Kramer | Broadcom | X | X |
| Kevin W. Lu | Broadcom | X | X |
| R. Venkatesha Prasad | TU Delft | X | X |
| Don Wright | Standards Strategies | X | X |

|  |  |  |
| --- | --- | --- |
| **Advisory Members** | **Affiliation** | **Attendance** |
| Rob Fish | NETovations | X |
| Curtis Siller | Enginnovation |  |
| **Ex Officio Member** |  |  |
| Alex Gelman | NETovations | X |
| **SA Liaison** |  |  |
| Lisa Perry | IEEE-SA |  |
| **Other Participants** |  |  |
| Steve Bush | GE Global Research | X |
| Periklis Chatzimisios | ATEITHE | X |
| Chau Yuen | Singapore University of Technology and Design | X |
| Xiaoming Fu | University of Goettingen | X |
| Pascal Lorenz | University of Haute-Alsace | X |
| His-Pin Ma | National Tsing Hua University | X |
| Jaime Lloret Mauri | Polytechnica University of Valencia | X |
| Joel Rodrigues | University of Beira Interior | X |
| Mehmet Ulema | Manhattan College | X |
| Jingsong Wu | Alcatel-Lucent | X |

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

1. **Approval of Agenda**

VP moved and Don seconded the motion to approve the agenda. As there were no objections, the agenda was approved by acclamation.

1. **Approval of the 5 April 2013 COM/SDB Minutes**

VP moved and Don seconded the motion to approve the minutes. As there were no objections, the minutes were approved by acclamation.

1. **Discussions**
2. [ACTION] COM/SDB budget

* Alex moved and Farooq seconded the motion to establish the COM/SDB treasury on an IEEE-SA Concentration Banking account and set the surcharge rate at 5%. The motion is approved with five yes and zero no votes.
* Kevin will send the following email to Chairs of ComSoc Standards Committees, Subgroups, and Working Groups: “COM/SDB met on June 10, 2013 and set the surcharge rate at 5% in accordance with Clause 6.4 of the COM/SDB Policies and Procedures (P&Ps). Effective immediately until further notice, the 5% surcharge rate shall be applied when setting the meeting attendance fees. The COM/SDB Chair and Treasurer shall perform their duties in accordance with Clauses 3.4.1 and 3.4.4 of the P&Ps.”

1. [INFORMATION] Status on active Standards Committee and Working Groups
   * P269 received the IEEE-SA Standards Board approval of its Project Authorization Request (PAR) for Revision of IEEE 269-2010 Standard for Measuring Electroacoustic Performance of Communication Devices on May 10.
   * P1903 provided [tutorials](https://mentor.ieee.org/1903/dcn/13/1903-13-0003-00-TUTL-p1903-ngson-webinar-slides.pdf) via teleconference for Next-Generation Service Overlay Network (NGSON) on April 29-30 and scheduled to meet at ICC 2013 on June 11-13.
   * P1904.1 met on February 19-21 in Okinawa, Japan, March 18 via teleconference, and April 23-25 in Louisville, Colorado. Its P1904.1/Draft 3.4 “Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)” was submitted to the IEEE-SA Standards Board Standards Review Committee (RevCom) for approval on June 13-14, 2013 in Brussels, Belgium. The upcoming meetings were scheduled on June 18-20 in New York and August 6-8 in Beijing.
   * P1906.1 met monthly via teleconference on the first Monday, proposed a nanoscale framework with a taxonomy and classification of known nanoscale communication approaches, and defined common characteristics for standardization.
   * P1907.1 met at ICC 2013 on June 10. Its [Website](http://grouper.ieee.org/groups/1907/1/index.htm) with public and members-only email reflectors had been completed.
   * P1908.1 held an experimental evaluation of different options for soft keyboard on June 8, 2013.
   * P1910.1 received the IEEE-SA Standards Board approval of its PAR on Standard for Meshed Tree Bridging with Loop Free Forwarding on May 10.
2. [INFORMATION] Update on potential sponsorship for Ubiquitous Green Community Control Network (UGCCNet) projects P1888.1, P1888.2, P1888.3, and P1888.4

* The above Working Groups discussed and deferred the decision of selecting COM/SDB as their sponsor or cosponsor since the first three projects were near completion.
  + Kevin will follow up with Jinsong on his plan to start a Study Group on “Environmental Impacts for Communications Products.”
  + Farooq will continue looking out for new PARs submitted to the IEEE-SA Corporate Advisory Group (CAG) that are within the ComSoc scope.

1. **Other business**

* Alex provided a draft Guide for Standards Liaisons from ComSoc Technical Committees and Emerging Technical Subcommittees.
* Kevin will send an email to Rob regarding the common need among Working Groups to schedule and host WebEx teleconferences.

1. **Adjournment**

Alex moved and Glen seconded the motion to adjourn the meeting. As there were no objections, the meeting was adjourned at 5:30 PM CEST.

**Appendix A: Declaration of Affiliation and Standards Participation**

| Member | Affiliation | Standards Participation |
| --- | --- | --- |
| Farooq Bari | * LMTS, Strategic Standards, AT&T * Member, IEEE-SA CAG, SASB, NesCom, ICCom * Treasurer, IEEE COM/SDB | * Chair, GSMA/WBA JTF Wi-Fi Roaming * 3GPP SA2 * ITU-T JCA-IoT * Onem2m TP |
| Jean-Philippe Faure | * CEO, Progilon (Representing Panasonic in IEEE activities) * Member, IEEE SASB, AudCom, RevCom * Chair, IEEE COM/PLC * Member, IEEE COM/SDB | * Chair, IEEE P1901 * IEEE P1905.1 |
| Nada Golmie | * Manager, Emerging and Mobile Network Technologies Group, NIST * Chair, Priority Action Plan on Wireless Communications, Smart Grid Interoperability Panel * Member, IEEE COM/SDB | * IEEE 802.15.4g, 802.11ah, 802.19 |
| Hiroshi Harada | * Director, Smart Wireless Laboratory, NICT * Board of Directors, Wireless Innovation Forum (SDR Forum) * Chair, IEEE DySPAN-SC * Member, IEEE COM/SDB | * Vice Chair, IEEE 1900.4, 802.15.4g, 802.15.4m * Vice Chair, TIA TR-51 * Chair, Public Broadband Mobile Communication Development Committee, ARIB |
| Paul Houzé | * Standardization Manager, Microsoft * Member, IEEE SASB, AudCom, RevCom * Member, IEEE COM/SDB | * Chair, IEEE P1905.1 |
| Glen Kramer | * Technical Director, Broadcom * Member, IEEE COM/SDB | * Chair, IEEE P1904.1 |
| Kevin Lu | * Senior Principal Scientist, Broadcom * Director, Standards Development, IEEE ComSoc * Chair, IEEE COM/SDB * Member, IEEE-SA NesCom | * 3GPP RAN1 |
| R. Venkatesha Prasad | * Senior Researcher, EEMCS, TU Delft * Liaison, IEEE ComSoc AHNTC and TCCC * Member, IEEE DySPAN-SC * Secretary, IEEE COM/SDB | * IEEE P1908.1, P1906.1, P1900.1, P1900.5, P1900.6, P1900.7, P1723, P1909 |
| Don Wright | * Standards Strategies, LLC * Treasurer, IEEE-SA * Member, IEEE-SA BOG * Chair, IEEE-ISTO BOD * Member, IEEE C/MSC, C/IA * Member, ANSI BOD, IPRPCom, IPCom, ISO Council, ISO Forum * Vice Chair, IEEE COM/SDB | * Chair, IEEE 1284, 1284.1, 2600, 2600.1, 2600.2, 2600.3, 2600.4 |
| Rob Fish | * President, NETovations Group, LLC * Affiliated with Rubin-Anders * Affiliated with Drakontas * Member, IEEE-SA BOG * Chair, IEEE-SA Global Coordination Committee * Advisory Member, IEEE COM/SDB | * No standards participation |
| Curtis Siller | * Sole Proprietor, Enginnovation * Member, IEEE SASB NesCom * Member, IEEE PSPB, PSPB-SPC * Member, IEEE-USA CCP * Advisory Member, COM/SDB | * No standards participation |
| Alex Gelman | * CTO, NETovations Group, LLC * Affiliated with Harman * VP, Standards Activities, IEEE ComSoc * Member, IEEE SASB, ICCom, PatCom, Standards Conduct Committee * Ex Officio Member, IEEE COM/SDB * Represents IEEE TAB for the purpose of IEEE standards governance | * No standards participation |
| Lisa Perry | * Program Manager, Technical Program Development, IEEE-SA | * No standards participation |

| Participant | Affiliation | Standards Participation |
| --- | --- | --- |
| Chuck Adams | * Distinguished Standards Strategist, Futurewei Technologies * IEEE BoG Activities: China Strategy, Europe Strategy, International Strategy * IEEE-SA SGIP Voting Representative and Member IEEE-SA Smart Grid SIG * IEEE-SA IoT Ad Hoc Chair * IEEE-SA TAB and Public Visibility Liaison | * INCITS Executive Board Alternate Member and IoT SWG Convenor |
| John Bareham | * Consultant in Electroacoustics | * Chair, IEEE Teletest WG |
| Bernd Bochow | * Group Manager, FOKUS | * Chair, IEEE P1900.1 |
| Stephen Bush | * Scientist, GE Global Research * Chair, IEEE COM/SPDB | * Chair, IEEE P1906.1 |
| Matthew Ceglia | * Client Services Manager, Professional Services, IEEE-SA | * No standards participation |
| Periklis Chatzimisios | * Assistant Professor, ATEITHE | * Secretary, IEEE P1907.1 |
| Chau Yuen | * Singapore University of Technology and Design | * No standards participation |
| Stanislav Filin | * Expert Researcher, Smart Wireless Laboratory, NICT | * Chair, IEEE P1900.7 * Voting member, IEEE DySPAN-SC, P1900.4 * Voting member, IEEE 802.11, 802.15, 802.19 |
| Xiaoming Fu | * University of Goettingen | * No standards participation |
| Chen Gu | * BII Group | * IEEE P1888.1, P1888.2, P1888.3, P1888.4 |
| Marek Hajduczenia | * xPON Standardization Director, ZTE | * Chair, IEEE P802.3bk * Chief Editor, IEEE P1904.1 |
| Bruce Hartpence | * Professor, RIT | * IEEE P1910.1 |
| Daryl Johnson | * Associate Professor, RIT | * IEEE P1910.1 |
| Jim LeClare | * PMTS, Maxim Integrated Products | * Chair, IEEE P1901.2 |
| Eric Levine | * Associate Publisher/Advertising Sales, IEEE ComSoc | * No standards participation |
| Pascal Lorenz | * University of Haute-Alsace | * No standards participation |
| Hsi-Pin Ma | * Associate Professor, National Tsing Hua University | * No standards participation |
| Syam Madanapalli | * Managing Director, iRam Technologies * Chair, IEEE COM/SDB EWS Study Group | * IEEE 802.16 * IETF |
| Jaime Lloret Mauri | * Associate Professor, Polytechnic University of Valencia * Liaison, IEEE ComSoc TC ComSoft | * Chair, IEEE P1907.1 |
| Joel Rodrigues | * University of Beira Interior | * Treasurer, IEEE P1907.1 |
| Nirmala Shenoy | * Professor, RIT | * Chair, IEEE P1910 |
| Bill Stackpole | * Associate Professor, RIT | * IEEE P1910.1 |
| Henry Suthon | * Principal Engineer, Barrios Technology * Liaison, IEEE ComSoc TC CSR | * No standards participation |
| Mehmet Toy | * Distinguished Engineer, Comcast | * Metro Ethernet Forum |
| Mehmet Ulema | * Professor, Manhattan College | * Chair, IEEE P1903 |
| C. Scott Willy | * Product Manager, Avisto Telecom * Standardization Manager, MStar Semiconductor | * Member, IEEE P1901 * Member, IEEE P1905.1 |
| Jinsong Wu | * Alcatel-Lucent | * No standards participation |

**Appendix B: 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 | Dhadesugoor Vaman | PVAMU |
| 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 | Octavia Dobre | Memorial University |
| 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 | Alcatel-Lucent |
| 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 |