

IEEE ComSoc Technical Committee on Power Line Communications

Globecom 2008, Committee Meeting

Hilton Riverside Hotel, New Orleans, December 1, 2008

Present: 18

1. Niovi Pavlidou
2. Vamsi Paruchuri
3. Mussa Bshara
4. Marco Chiani
5. Larry Greenstein
6. Alex Gelman
7. Riccardo Raheli
8. Ralf Lehnert
9. Stefano Galli
10. Lothar Stadlmeier
11. Andrea Tonello
12. Jose Antonio Cortes
13. Francisco Canete
14. Masaaki Katayama
15. Lutz Lampe
16. Lorenzo Guerrieri
17. Xavier Fernando
18. James Hong

Agenda (per November 2008 email)

- 1) Welcome and introduction
- 2) Approval of previous meeting minutes
- 3) Overview on current activities
 - a) Conferences & Workshops
 - Report on the 2008 Vertical Workshop (Thessaloniki)
 - Report on Globecom 2008
 - Status of IEEE ISPLC 2009 (Dresden)
 - Status of 2009 Vertical Workshop (Udine)
 - Status of 2009 ICUWB (UWB conference)
 - Status of Globecom 2009/2010
 - b) Awards and Nominations
 - c) Paper Database issues
 - Periodic update procedures
 - Nomination of librarians
 - d) Report on standardization activities
- 4) Other issues brought up by members
- 5) Adjourn

Meeting Minutes

1) Chair Stefano Galli calls meeting to order at 9:30am, reminds of agenda.

Lutz Lampe volunteered as secretary.

Chair Stefano Galli opens the bridge for the conference call. The bridge was closed at 10:15am since nobody joined the call.

2) Approval of previous meeting minutes

Only a typo for the name of a TC-PLC member was reported. Motion approved with no opposition.

3d) Overview on standardization activities

Alex Gelman reports on activities of IEEE ComSoc Standards Board.

ComSoc Standards Board is requesting an expert pool consisting of 3 people who have no material interest in the outcome of the any active PLC standardization projects, particularly IEEE P1901. i.e. not being employed by P1901 member entities or consortia of companies and not being consultants to such companies, or performing research on a grant or research contract with such companies. This expert pool will be consulting IEEE ComSoc Standards Board and/or IEEE-SA's units as needed on technical issues related to PLC technologies. Because of conflicts of interests, the Chair Stefano Galli excluded himself from choosing the pool of experts and asks Vice-Chair Lutz Lampe to handle this matter. Lutz Lampe volunteered to become one of the three experts, two more volunteers will be determined.

Alex Gelman also informed the TC-PLC that there is a sizable North America based Smart Grid initiative headed by Department of Energy, NIST, EPRI and other organizations. This initiative includes a significant communications component. Various projects have been contemplated in US and other parts of the World in relation to Smart Grid. Projects include research, technology demonstration and also standardization. Dick De Blasio is promoting this activity in IEEE. There may be a possibility of academic research granting activity by leading institutions. Hopefully they will include standardization components for some relevant core technologies. IEEE ComSoc Standards Board is interested in identifying standardization opportunities in this area as well.

Stefano Galli reports on activities in IEEE P1901 (PHY/MAC PLC) and ITU-T G.hn (common PHY/MAC for all wired media in the home).

3a) Overview on conference activities

- Niovi Pavlidou reports on the 2nd Workshop on Applications for Powerline Communications, October 2-3, 2008, Thessaloniki, Greece.
See workshop report posted at www.comsoc.org/bopl (under Past Events)

A discussion arose about the official role that IEEE should play in this workshop. It was recommended that local IEEE chapters/sections should get involved.

Likewise, the form of proceedings of workshop contributions was discussed.

- Andrea Tonello reports on 3rd Workshop on Powerline Communications (Signal Processing and Modeling) in Udine, Italy. Suggested dates are in October 2009. See the slides posted at www.comsoc.org/bopl (under Current Events)
- Andrea Tonello reports on Symposium on Selected Areas at Globecom 2008. The PLC track received 19 submissions, of which 6 have been accepted. PLC was assigned one full session. See the report posted at www.comsoc.org/bopl (under Past Events).
- Ralf Lehnert reports on the preparation of 2009 IEEE ISPLC in Dresden. The expected conference fee is on the order of 350 Euro. Some discussion about organization of paper review process.
- Lutz Lampe reports on 2009 IEEE ICUWB in Vancouver. ICUWB will accept papers on UWB over PLC. Submission deadline February 23rd, 2009.
- Masaaki Katayama reports on Globecom 2009. PLC is included in the track Emerging Technologies for Access Systems and Networks, sponsored by the TC-PLC and TAOS. The possibility of a PLC Tutorial was discussed; interested parties are invited to make a proposal to this effect.
- Francisco Canete is the TC-PLC liaison for Globecom 2010; a kick-off meeting of the TPC is schedule for Globecom 2008.

3b) Awards and Nominations

- Lutz Lampe reminded the meeting attendees of the TC-PLC awards program; solicitations for nominations for the TC-PLC Outstanding Service Award and the TC-PLC Inter-disciplinary Research and Application Award will be send out after Globecom 2008.
- Lutz Lampe reported that the TC-PLC ANC encourages members to apply for IEEE Senior Membership, and considers nominations for IEEE Distinguished Lecturer program.

3c) Paper Database Issues

- Lutz Lampe reported that the PLC online data base PLCDocSearch at <http://www.isplc.org/docsearch/> is enjoying high popularity with thousands of downloads since its inception.

It was suggested to improve the data base by adding a tab for Globecom PLC papers.

- The following Board of Librarians was suggested for keeping the data base current (some Librarians still have to be contacted):
 - IEEE T-COM, COM Letters – Riccardo Raheli

- IEEE COM Magazine – Stefano Galli
- IEEE Transactions on Information Theory – Xavier Fernando
- IEEE T-SP, SP Letters – Lutz Lampe
- IEEE T-Multimedia – TBD
- IEEE Network – TBD
- Journal on Communications and Networks – James Hong
- ACM Transactions on Networking – TBD
- IEICE publications – Masaaki Katayama
- IEEE Power Engineering publications – Nikos Papandreou (TBC)
- IEEE T-VT – Andrea Tonello
- IEEE EMC publications – Marco Raugi (TBC)
- IEEE T-Consumer Electronics – Jose Antonio Cortes
- IEEE T-Industrial Electronics – TBD
- IEEE T-Circuits and Systems – TBD
- ETT, AEUE – Ralf Lehnert
- EURASIP publications – Jose Antonio Cortes
- ICC, Globcom, etc. – Francisco Canete and Andrea Tonello

The Board members are requested to help updating the data base from April 2008 onwards.

4) Other issues brought up by members

- Ralf Lehnert reports on a Call for Submissions in the area of Smart Grids under the European FP7 program.

http://cordis.europa.eu/fp7/energy/about7_en.html

- Masaaki Katayama informs the attendees about the R'09 Twin World Congress on Resource Management and Technology for Material and Energy Efficiency

http://www.r2009.org/Call_for_Papers.php

5) Adjourn

The meeting adjourned at 11:30 am.

FINAL DRAFT – Lampe.