

**IEEE ComSoc Technical Committee on Power Line Communications**  
**ISPLC 2006, Committee Meeting**  
**Coronado Springs Resort, Orlando, March 27, 2006**

**Present: 24**

1. Stefano Galli
2. Johnas Cukier
3. Shinji Tanabe
4. Richard Newman
5. Javad Yazdani
6. Kaywan Afkhamie
7. Masaaki Katayama
8. Ralf Lehnert
9. Gerd Bumiller
10. Lutz Lampe
11. Nikolas Papandreou
12. Marco Raugi
13. Andrea Tonello
14. Haniph Latchman
15. Luc Haumonte
16. Nikolai Pankratz
17. Jose Antonio Cortes Arrabal
18. Francisco Javier Canete
19. Srinnas Katar
20. Hendrik Ferreira
21. Han Vinck
22. Jim Mollenkopf
23. Bamidele Adebisi
24. Shaike Zalitsky

**Agenda (per March 2, 2006 email)**

- 1) Welcome and introduction - Stefano Galli, Chair
- 2) Overview on current activities - Stefano Galli and Lutz Lampe
  - A. JSAC and EURASIP special issues
  - B. Other Conferences
  - C. ISPLC proceedings posted on-line
  - D. Consequences of the recent upgrade to full fledged technical committee
- 3) Definition of voting rights
- 4) Discussion and vote on the proposals for hosting ISPLC 2007.
- 5) Discussion and vote about the proposed Policies and Procedures
- 6) Other issues brought up by members
- 7) Adjourn

## Meeting Minutes

**Stefano Galli called the meeting to order at 6:40 pm.**

Lutz Lampe volunteered as secretary.

**1) Chair Stefano Galli calls meeting to order, reminds of agenda.**

**2) Overview of current activities**

### JSAC Specials Issue:

Stefano Galli reported that the call for the paper had a good success since 52 papers were submitted. After the review procedure, 16 papers were tentatively accepted pending revision. After a final second revision, only 13 papers were finally accepted for publication. The issue will be published in the July 2006 issue of JSAC.

### EURASIP Specials Issue:

Lutz Lampe reported that a new special issue on power line communications was being organized on the EURASIP journal: Advanced Signal Processing and Computational Intelligence Techniques in PLC. Deadline for submission is October 1, 2006

### ICC and Globecom 2006:

Several Members of the TC are members of the TPC of the General Symposium of ICC 2006, but only 3 papers (not 10 as previously reported) on PLCs were submitted and 2 were accepted. Probably, the low submission is due to the fact that the topic of PLCs was not clearly indicated in the Call for Papers.

Also for General Symposium of Globecom 2006 several Members of the TC are in the TPC; PLC as a topic was clearly mentioned in the Call for Papers. 18 papers on PLCs were submitted, there are good chances of organizing one or two PLC sessions at Globecom.

The TC should continue its effort to be present at Globecom in future years, this would also allow to have two annual meetings of the TC, one at ISPLC and one at Globecom.

### ISPLC proceedings on line

Lampe proposes to set up a publicly accessible electronic data base for the proceedings of previous ISPLC conferences (1997 – 2004). Approval from ISPLC Proceedings' Editors will be required. Lutz Lampe and Han Vinck will work on procuring all ISPLC proceedings and their Editors' approvals.

R. Newman: moves to implement such a data base and make it available online, e.g. on the isplc.org website.

J. Mollenkopf seconds.

Motion approved with no opposition.

### Standardization Efforts

J. Mollenkopf summarized standardization efforts.

P1901, Comsoc sponsored, scope are MAC/PHY implementation and interoperability, applications are from access to in-home, membership of 38 entities, still collecting opinions, no draft yet.

P1675, PES sponsored, scope is hardware and installation, draft standard should be forthcoming.

P1775, PES + EMCS sponsored, scope are EMC measurement techniques.

Harmonization with ETSI PLT group considered.

Shinji Tanabe reminds the TC that standardization meetings are open to everybody. Discussion about possible half-day workshop on standardization issues as part of ISPLC and before the standard meetings, which are typically held in conjunction with ISPLC. Involvement of academia in the technical discussion of the standards efforts is solicited.

### **3) Definition of voting rights**

Discussion postponed to the discussion of Policies and Procedures.

### **4) Discussion and vote on the proposals for hosting ISPLC 2007.**

A call for proposal for hosting ISPLC 2007 was emailed by Lutz Lampe to the TC mailing list on Feb. 13, 2006. Only one proposal was received, from Prof. Marco Raugi for holding the conference in Pisa, Italy.

M. Raugi gave a presentation of his proposal to host IEEE ISPLC 2007 in Pisa. March 26-28, 2007, is recommended as date. J. Mollenkopf: P1901 would try to co-locate its standards meetings with ISPLC. M. Raugi moves that IEEE ISPLC 2007 is held in Pisa, preferably between March 26-28, 2007.

L. Lampe seconds.

Motion approved with no opposition.

S. Galli mentions that it would be practical to plan two years ahead for ISPLC, so that proposals for hosting IEEE ISPLC 2008 should be solicited soon. Email will be sent to TC in the coming weeks. Vote on venue should be during IEEE Globecom 2007.

## 5) Discussion and vote about the proposed Policies and Procedures

The Board of Governors (BoG) of ComSoc voted to upgrade our sub-TC to a fully fledged IEEE ComSoc TC during Globecom'05 on Nov 30, 2005.

BoG nominates the committee Chair for the first two years. After that we have to undergo open elections. The officers of the sub-TC were confirmed by the BoG as the initial officers of the TC. As a fully fledged TC, we must have Policies and Procedures.

An important definition contained in the Policies and Procedures is the definition of *Members* and *Active Members* of the TC. This distinction is important for voting rights.

Anybody can be a *Member* of the Technical Committee (TC). To become a member it is necessary to subscribe to the TC mailing list as specified on the TC Web page. A member becomes an *Active Member* if he/she has attended (physically present or by teleconference) two or more of the *prior* five regularly scheduled TC meetings. The TC Secretary shall maintain an attendance list for each such meetings. Should voting occur at the TC meetings, only *Active Members* physically present or attending by teleconference have voting rights. Simple majority rule applies.

A draft of Policies and Procedures were prepared by Galli and Lampe, and emailed by Stefano Galli to the TC on March 2, 2006. The original draft was augmented with a Paragraph 8 regarding the rotation of continents on holding ISPLC (this rule was established at the sub-TC meeting in Vancouver during ISPLC'05). Added text is as follows:

“8. ISPLC Organization

The TC's flagship conference is ISPLC. In successive years, ISPLC will be held in different continents.”

J. Mollenkopf moves to adopt the amended Policies and Procedures.

R. Newman seconds.

Motion approved unanimously.

The approved Policies and Procedures will soon be posted on the ComSoc webpage.

## 7) Other issues

H. Latchman proposed to change the name of the TC since Broadband over Power Lines does not comprise non-broadband applications.

R. Newman moves to adopt the following name: IEEE ComSoc Technical Committee on Power Line Communications (TC-PLC).

J. Mollenkopf seconds

Motion approved with no opposition

H. Latchman moves to accept the following TC charter, and to post it on the TC Website:

“The interests of the Technical Committee span all areas of communications over power lines, e.g., access, home networking, in-vehicle applications, utility applications, etc. The areas of interest to the Technical Committee are the analytical, theoretical, simulation, experimental, and practical aspects of digital communications over power lines. The Committee will organize events in the Power Line Communication area, sponsor conferences, contribute to the organization of technical events along ComSoc flagship conferences, and will promote the realization of special issues on leading journals and magazines. The Committee, working closely with IEEE-SA and other IEEE Societies, will also promote the development of IEEE Standards in the area of Power Line Communications.”

H. Vinck seconds

Motion approved with no opposition

Meeting adjourned at 8:35pm.

FINAL DRAFT – Lampe.