

**IEEE ComSoc Technical Committee on Power Line Communications Committee  
Meeting at 2014 IEEE Globecom, Austin, GA, USA,  
10 December 2014, 8:00-10:00 CST  
Hilton Garden Inn – room Pedernales 1st Floor**

Chair: Andrea Tonello  
Vice-Chair: Haniph Latchman  
Secretary: Gerd Bumiller

**Attendees List**

Andrea Tonello	University of Klagenfurt, Austria
Stefano Galli	Assia Inc., USA
Brian Evans	University of Texas, Austin, USA
Fulvio Babich	University of Triesie, Italy
Haris Gacanin	Alcatel Lucent, Netherlands
Constantinos Papadias	AIT, Greece
Naofal Aldhahir	UT-Dallas, USA
Wenbo Ding	Tsinghua University, China
Fang Yang	Tsinghua University, China
George Hallak	University of Applied Sciences Ruhr West, Germany
Bridget Erlikh	ComSoc, USA
Debora Kingston	ComSoc, USA
<i>On the phone:</i>	
Ralf Lehnert	Dresden University of Technology, Germany
Anil Mengi	Devolu GmbH, Germany
Riccardo Raheli	University of Parma, Italy
Vincent Guillet	Landis & Gyr, France
Lutz Lampe	University of British Columbia, Canada
Anuj Batra	Texas Instruments, USA

**Agenda for the meeting**

- Approval of the previous meeting minutes
- Conferences activities
  - a. Presentation of the proposal for ISPLC 2016 (Gerd Bumiller)
  - b. Proposals for WSPLC 2016 (Andrea Tonello)
  - c. Status of ISPLC 2015 (Brian Evans)
  - d. Report on ICC 2014 (Vincent Guillet)
  - e. Report on IEEE SmartGridComm 2014 (Andrea Tonello)
  - f. Report on Globecom 2014 (Riccardo Raheli)
  - g. Status of ICC 2015 (Bill Leichsteiner)
  - h. Status of Globecom 2015 (Anil Mengi)
  - i. Status of SmartGridComm 2015 (Haniph Latchman)

- Publication activities
  - a. Best readings (Han Vinck)
  - b. PLC DocSearch update (Francisco Canete)
- Standardization activities
  - a. Update on PLC standardizations (Anil Mengi)
- TC-PLC matters
  - a. Update of the Policies and Procedures (P&P)
  - b. Report of Awards and Nominations (Han Vinck)
  - c. Status on IEEE ComSoc policies on Conflict of Interest (Lutz Lampe)

### **Welcome and Opening**

Andrea Tonello opens the meeting at 8:10 a.m.

- a) Minutes of the previous meeting are approved

### **Conferences activity**

- a) George Hallak presents the proposal of hosting ISPLC 2016 in Bottrop, Germany (provided by Gerd Bumiller). The conference will have duration of 2.5 days (Wednesday- Friday) and it will take place at end of March 2016. The general chair is Gerd Bumiller. It is recommended that the special session are distinct from the regular sessions. A more detailed budget can be prepared although the existing one provides numbers consistent with previous editions. Bruce Worthman from IEEE COMSOC will be added in the committee as Financial Chair.  
No other proposal has been received for 2016 or 2017. The TC-PLC voting members will be asked to cast their vote for the approval of the proposal by email.
- b) No proposals to organize the vertical workshop on PLC (WSPLC) in 2015 have been received. Andrea Tonello volunteers to organize WSPLC 2015 in Klagenfurt, Austria, in September 2015. He will contact Mr. Reinhard Pannold to join the organize team and bring participation by utilities. WSPLC 2014 in Bottrop, Germany, has been a successful event.
- c) Brian Evans presents the current state of ISPLC 2015 organization. Paper submission closed with a total of 65 submissions. It appears that about the relatively low number of submission require to increase the acceptance rate to about 60%. Quality must be granted anyhow. Three invited papers have been submitted and they will go through the regular review process. The program will be completed with keynotes and one or two panels.
  - a) Vincent Guillet presents the status of ICC 2014, track on Communications for the Smart Grid. A total of 43 submissions have been received. 13 accepted, 30% acceptance rate.
  - b) Andrea Tonello presents a summary of SmartGridComm 2014. A record number of 399 submissions have been received, 166 papers have been accepted. About 10 PLC papers have been accepted. The program has been modified to reduce the number of symposia to 5 so that more clarity on the conference topic is offered.
  - c) Riccardo Raheli presents the results for PLC track at Globecom 2014. 18 papers submitted,

7 papers accepted (6 presented in a technical session +1 in an interactive session). Schedule of interactive session paper for PLC changed at last minutes. 1 TPC member did not complete the reviews.

- d) Andrea Tonello presents the status of the smart-grid track at ICC 2015 (provided by Bill Leichsteiner). There were 44 submissions, 5 on PLC, two of them on PLC routing protocol.
- e) Anil Mengi presents the organization status of the PLC track at Globecom 2015, to be held in San Diego, CA, USA. The dates are December 6 – 10, 2015. Deadline for the submission of papers is April 1<sup>st</sup> 2015.
- f) Andrea Tonello presents the organization status of SmartGridComm 2015, to be held in Miami, FL, USA (Provided by Haniph Latchman). The dates are November 2 – 5, 2015. Deadline for submission is April 19<sup>th</sup> 2015.

### **Publications activities**

- a) Andrea Tonello reports the status of the work on “best readings on PLC” (provided by Han Vinck). The list of readings (papers and books) has been prepared and it is currently under final approval.
- b) Andrea Tonello reports the update on PLC DocSearch (provided by Francisco Canete). PLC DocSearch is updated twice a year. Some technical difficulty is encountered with the web repository system.

### **Standardization Activities**

Anil Mengi presents an update on PLC standardization activities, EN50065-1 and IEEE 1901.2, EN50561-1 and HomePlug RWG. HomePlug RWG is working on the proposal for EN50561-3, 30 MHz-80 MHz . There are some news regarding the EMC harmonized standards CENELEC. prEN 5056-3 covers PLC apparatuses operating above 30 MHz. There is today no specific standard covering emissions from such devices, neither at CENELEC nor at IEC level. At the moment, PLC products operating above 30 MHz are available on the market. The main discussion here is the upper frequency limit to be defined in the prEN 5056-3. There are three upper frequency limits: 80, 87,5 MHz and 108 MHz (Since FM Radio operates in 87,5 MHz-108 MHz, the band is already notched in the PLC products.) The second discussion is about the PSD Limits. Currently, the draft work is under enquiry of National Committees.

Stefano Galli reports PRIME & G3 are stable and a report about interoperability is underworking.

### **TC PLC Matters**

- a) Andrea Tonello presents the update on P&P. Discussion took already place at the TC-PLC meeting in Glasgow, March 2014. Final minor editing has been done. Voting for the approval of the P&P will be done through email since the 50%+1 of the voting members are not present at the meeting.
- b) Andrea Tonello reports the update on Awards and Nominations (provided by Han Vinck). No news. Nominations for the awards is important.
- c) Lutz Lampe presents the COMSOC rules about conflict of interest. The General Chair of a conference cannot submit more than three papers to his/her conference as an author or co-author.” The latest version of the guidelines is available online at

[http://cms.comsoc.org/eprise/main/SiteGen/Confs\\_P\\_P/Content/Home/Conflict\\_of\\_Interest.html](http://cms.comsoc.org/eprise/main/SiteGen/Confs_P_P/Content/Home/Conflict_of_Interest.html).

**Adjourn**

Meeting adjourned at 10:00 a.m.

Minutes prepared by George Hallak