

Technical Committee on Information Infrastructure (TCII)

Minutes from the meeting at GLOBECOM 2009

Honolulu, Hawaii, U.S.A.

Monday November 30, 2009 @ 10:30

Lehua Suite Room (Kalia Tower), Hilton Hawaiian Village Hotel, Honolulu, Hawaii, U.S.A..

The following meeting agenda was proposed and accepted.

- Opening / Introduction
- Review / Approval of minutes of last meeting held @ ICC 2009
- Conference updates:
 - a- GLOBECOM 2009, ICC 2010, Globecom 2010, ICC 2011
 - b- TCII flagship conference: GIIS 2009
 - c- Other conferences and workshops
- GAP Project: summary of working group meetings and link with the Humanitarian Communications Technologies (HCT) Ad hoc Committee
- ICEO / GEOSS
- Green Communications
- TC Re-certification 2009
- TCII 2009 Elections and results
- Web site & mailing list
- Other Business
- Adjourn

Opening and introduction

Raouf welcomed attendees and opened meeting.

1. Introduction

All participants introduced themselves. The list of the attendees is given below:

- Doug Zuckerman, Telcordia (Ret), (U.S.A.), w2xd@aol.com
- Mehmet Ulema, Manhattan College, (U.S.A.), mehmet.ulema@manhattan.edu
- Hamid Nafaa, UCD (Ireland), nafaa@ieee.org

- Soumaya Cherkaoui, U. Sherbrooke, (Canada),
soumaya.cherkaoui@usherbrooke.ca
- Abdelhakim Hafid, U. Montreal, (Canada), ahafid@iro.umontreal.ca
- Christos Verykoulis, CTTC, (Spain), cveri@cttc.es
- Barcin Kozbe, Ericsson, (U.S.A.), barcin.kobze@ericsson.com
- James Hong, POSTECH, (Korea), jwkhong@postech.ac.kr
- Pascal Lorenz, University of Haute Alsace, (France), lorenz@ieee.org
- Khaled Boussetta, University of Paris 13, (France), khaled.boussetta@univ-paris13.fr
- Nizar Bouabdallah, INRIA (France), nbouabda@inria.fr
- Rami Langar, University of Paris 6, (France), rami.langar@lip6.fr
- Tarik Taleb, NEC Europe (Germany), talebtarik@ieee.org
- Abderrahim Benslimane, University of Avignon, (France), benslimane@ieee.org
- Harry Skianis, Univ. of the Aegean, (Greece), cskianis@aegean.gr
- Sidi-Mohammed Senouci, Orange Labs, (France),
sidimohammed.senouci@orange-ftgroup.com
- Raouf Boutaba, University of Waterloo (Canada), (Chair)
rboutaba@cs.uwaterloo.ca
- Robert Walp, GCI – Alaska (U.S.A.), (Vice-Chair) r.walp@ieee.org
- Yacine Ghamri Doudane, ENSIIE (France), (Secretary, preparing these minutes)
ghamri@ensiie.fr

2. Approval of last meeting minutes

The minutes of the last meeting was presented by Raouf and approved by all the participants.

3. Report on conferences

The upcoming major events in which TCII is involved are: Globecom 2009, ICC 2010 and Globecom 2010.

In Globecom 2009, TCII is involved in the organizing committee with the participation of Doug Zuckerman (General Chair), Mehmet Ulema (Technical Program Chair and GTC advisor), Raouf Boutaba (Finance Chair), Bob Walp (Professional Development Chair), Guenter Schaeffer (Student Travel Grant Chair), Roberto Saracco (Publicity Chair). TCII is co-sponsoring one symposium:

- Ad hoc, Sensor and Mesh Networks Symposium: Nizar Bouabdallah, is co-chairing this symposium with Azzedine Boukerche, Chunxiao (Tricia) Chigan and Ashfaq Khokhar.

Guenter Schaeffer, TCII member and former officer, is co-chairing with Abderrahim Benslimane, Stamatios Kartalopoulos and Qingming Ma the “Communication and Information System Security Symposium”.

In ICC 2010, TCII is co-sponsoring one symposium:

- Symposium on Selected Areas in Communications: Yacine Ghamri-Doudane (TCII Secretary) is co-chairing this symposium with Tarik Taleb, Sumit Roy, Chunming Qiao and Riccardo Raheli. TCII is handling the « vehicular Communications » track in this symposium.

In Globecom 2010, TCII is co-sponsoring one symposium:

- Symposium on Selected Areas in Communications: Sidi-Mohammed Senouci will be vice-chairing this symposium. TCII is handling the « vehicular Communications » Feature Topic in this symposium.

Finally, in ICC 2011, TCII is nominating Dr. Djamel Meddour to co-chair one the Multimedia Communications, Communication Software and Services Symposium. TCII will then co-sponsor this symposium.

The second edition of the Global Information Infrastructure Symposium, the TCII flagship event, was held the week following ICC'09 (June 22 to 26, 2009) in Hammamet, Tunisia. GIIS'09 received 90+ submissions. The symposium was organized around two tracks: policy track (8 accepted full papers + 1 keynote speech + 1 panel) and technology track (29 accepted full papers + 2 keynote speeches + poster sessions). Additionally, the program contained one full-day workshop and three high quality tutorials. We were glad to reach our objective to get a very strong local participation and a very good tutorial attendance by local students.

Last but not least, following the big success of the “1st International Workshop on Green Communications (GreenComm)” that was co-sponsored by TCII and was co-located with ICC 2009 (June 18, 2009) in Dresden - Germany, a second edition is being organized. It is held this week along with Globecom 2009 in Honolulu, Hawaii, USA. More precisely, it will take place on December 4, 2009 (next Friday).

4. GAP Project: summary of working group meetings and link with the Humanitarian Communications Technologies (HCTC) Ad hoc Committee

Bob remind the main objective of GAP which is about “subsidising telecommunications services”. More precisely, GAP promotes the distribution of the subsidy to users to access telecom services instead of operators. Initiating a pilot project is the target of GAP.

GAP being in line with the fact that IEEE launched the “Humanitarian Technology Challenge (HTC)”, the IEEE ComSoc formed the Humanitarian Communications Technologies Ad hoc Committee (HCTC). This one had been formed following the GAP working group meeting during last ICC in Dresden. Hence, TCII as a TC will continue to handle the technical aspects related to GAP while HCTC will be in charge of the policy aspects. The first HCTC meeting will be held during Globecom 2009 (Thursday, December 3, 2009). A distribution of brochures related to GAP and HCTC is on-going here in Honolulu.

Three presentation regarding GAP are given on the same day (@18:30) as part of the IEEE Graduates of the Last Decade (GOLD) reception and panel (Professional Development Forum). One is given by Bob, the second one by Mehmet and a third one is related to IEEE HTC.

5. ICEO / GEOSS

Doug and Mehmet presented the GEOSS (Global Earth Observation System of Systems) workshop that can be of high interest to TCII members. They are all invited to attend the workshop that is held the same day as the meeting. This event is co-located with Globecom 2009 and is organized in association with IEEE ICEO and ComSoc, OGC, and ISPRS. Doug and Mehmet are part of the OC of this event. Mehmet is also giving a presentation related to TCII themes during this workshop (Title: Special Needs for Communications in Developing Countries and Other Special Situations). Doug and Mehmet will update the committee on the future activities of GEOSS.

6. Green Communications

Yacine asks: what are the next steps around this topic TCII can conduct?

Raouf mention the “Smart (Electrical) Grid”. This ever-growing topic is related to the control of the electrical power network through information networks. The Power Engineering Society (PES) is involved in this topic and ComSoc should launch soon its own conference related to this topic.

Doug encourages TCII to get involved in this topic. PLC TC is already involved for Lower Layers of the protocol stack. TCII is the ideal candidate to handle the Higher Layers of the protocol stack (end-to-end perspective: Communication + Network + Computing aspects).

Raouf mention that CNOM is handling the issues related management plan. They are organizing the “Smart Grid Management Workshop” @ IEEE NOMS 2010.

IEEE Transactions on Smart Grid is a new journal to be launched by IEEE. The IEEE Transactions on Smart Grid is intended to be a cross disciplinary and internationally archival journal.

The other topics in which TCII could be involved are Green Computing management (Cloud Computing, Data Centers, Enterprises ...).

One idea from Raouf is to re-visit the scope of TCII to include a topic on “Smart Information Infrastructure” which will include all the TC activities on green communications, green cloud computing and data centers, and smart grid communications.

7. TC Re-certification 2009

Each TC is evaluated each 3 years. A form needs to be filled to ask for recertification and the evaluation can lead to: “recertify”, “raise question” or “no certification” for a TC. The form will be provided to the VP TAC soon and the decision will be made during Globecom 2009.

8. TCII 2009 Elections and results

Mehmet Ulema is the chair of the election committee. He reminds that the election committee is composed of the 3 past chairs. He is the only present in the meeting. The election committee nominated one candidate per position. The nominated candidates are: Yacine Ghamri-Doudane for the Chair position, Harry Skianis for the Vice Chair position and Sidi-Mohammed Senouci for the Secretary position. Mehmet Ulema invites the attendees for other nominations and self-nominations. No new nomination is made.

The nominated candidates present their statement for the committee members and leave the room for the election. They are elected unanimously.

9. Website and Mailing List

The TC website (<http://www.ensiie.fr/~tcii/>) and mailing list (tcii@weblrms2.ensiie.fr) are continuously updated by the TC secretary (Yacine Ghamri-Doudane). The current membership records contain ~350 members (100+ new members joined TCII after GIIS 2009). Yacine encouraged TC members to visit often the website and to feel free to make comment and suggestions to improve it.

10. Other Business

No particular point added by the attendance.

11. Closing

The meeting was adjourned at 12:30.