

# Technical Committee on Information Infrastructure (TCIIN)

## Minutes from the meeting at ICC 2012 Ottawa, CANADA

Tuesday June 12, 2012 @ 14:00

*ONTARIO ROOM C on the 3rd Floor, Westin Hotel, Ottawa, CANADA*

The following meeting agenda was proposed and accepted.

- Opening / Introduction
- Review / Approval of minutes of last meeting
- TCIIN (aka I<sup>2</sup>N): (History of TCII and ENTNET TC merger)
  - Motivation
  - Charter
  - Leadership
- Conference updates:
  - Globecom 2011, ICC 2012, Globecom 2012, ICC 2013, Globecom 2013, ICC 2014
  - TCI<sup>2</sup>N Flagship event: GIIS 2011 & 2012
  - IEEE CloudNet 2012: New IEEE International Conference on Cloud Networking
  - Other conferences and workshops endorsed/supported by TCIIN
- TCIIN Themes:
  - Summary of TCIIN participation to the Humanitarian Communications Technologies Ad hoc Committee (HCTC)
  - Smart Information Infrastructure: "Green Communications" and "Smart Grids AC"
- Web site & mailing list
- Other Business
- Adjourn

### **Opening and introduction**

Yacine 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
- Gabriel Jakobson, Altusys/Comsoc, gabejakobson@earthlink.net
- Mehmet Ulema, Manhattan College, (U.S.A.), mehmet.ulema@manhattan.edu
- Pascal Lorenz, University of Haute Alsace, (France), lorenz@ieee.org
- Rami Langar, University of Paris 6, (France), rami.langar@lip6.fr
- Raouf Boutaba, University of Waterloo (Canada), (TCII Past Chair) rboutaba@cs.uwaterloo.ca
- Toufik Ahmed, University of Bordeaux (France), tad@labri.fr
- Moez Esseghir, UTT (France), moez.esseghir@utt.fr
- Rui L. Aguiar, University of Aveiro (Portugal), ruilaa@ua.pt.
- Yacine Ghamri Doudane, ENSIIE (France), (Chair) ghamri@ensiie.fr
- Sidi-Mohammed Senouci, University of Bourgogne, (France), (Secretary, preparing these minutes), Sidi-Mohammed.Senouci@u-bourgogne.fr

## **2. Approval of last meeting minutes**

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

## **3. TC IIN (aka I<sup>2</sup>N): TC IIN (aka I<sup>2</sup>N): (History of TCII and ENTNET TC merger)**

In GLOBECOM 2010, the two TCs (TC on Information Infrastructure - TCII and Enterprise Networking - ENTNET) merged and form actually a new TC on Information Infrastructure and Networking – TCIIN.

### **IIN TC Background and Motivations**

Early on, information infrastructure and networking existed as relatively insular domains. Ever-growing need for global access to diverse types of information requires creation of an environment where information infrastructure and networking operate in symbiotic manner. ComSoc's (proposed) TC on Information Infrastructure and Networking Technical Committee (IIN) recognizes optimal interplay of information and its efficient global distribution:

- IIN is a well-thought-out merger of two existing and distinctly successful TCs: the TC on Information Infrastructure (TCII) and the Enterprise Networking (ENTNET) TC. TCs have articulated optimal strategies for respective areas of excellence.
- Contemplating a new active decade of development, TCs have come to the realization that the cause of any-kind, any-format information lifecycle along with the goal of anytime, anywhere, any-media global accessibility is more strategically addressed by a merger of the two charters into one fully integrated vision.

- Goal of IIN is to guide enterprises, institutions, and research organizations through the technology development, assessment, and, in turn, deployment process for information infrastructures and networking

### IIN TC Charter

“Working in concert with other ComSoc Technical Committees, the objective of IIN is to facilitate the cohesive advancement of information infrastructures and supportive technologies to enable global networking to guarantee distribution and accessibility of any kind of data in any format, to anywhere, at anytime, on any media, and with any access tool. Social responsibility, including green operations and the narrowing of the ‘digital divide’ are key precepts of the TC.

### IIN TC Leadership

- Yacine Ghamri-Doudane (Chair / ex. TCII)
- Latif Ladid (Vice-Chair / ex. EntNet)
- Sidi-Mohammed Senouci (Secretary / ex. TCII)

## 4. Report on conferences

The major events in which TCIIN was/is involved are: Globecom 2011, ICC 2012, Globecom 2012, ICC 2013, Globecom 2013, ICC 2014.

In Globecom 2011 (Houston, TX, USA), TCIIN co-sponsored one symposium:

- Symposium on Ad hoc, Sensor and Mesh Networking Symposium: Sidi Mohammed Senouci (TCII secretary) was co-chairing this symposium with Abdelhamid Mellouk, Lisandro Granville, and Naoki Uchida. Received papers and accepted papers. **Accepted papers: 127, Submitted papers: 360**

In ICC 2012 (Ottawa, Canada):

- TCIIN is involved in the organizing committee with the participation of Raouf Boutaba as TPC Co-chair.

- TCIIN co-sponsored three symposium:

- \* Symposium on Ad Hoc and Sensor Networking: Rami Langar was co-chairing this symposium with Cheng Li, Jalel Ben-Othman, Lei Shu, and Sonia Waharte. **Accepted papers: 155, Submitted papers: 413.**

- \* Symposium on Selected Areas in Communications: Yacine Ghamri-Doudane was co-chairing this symposium with Jaafar Elmighani, Jian Song, Han Vinck, Lutz Lampe, Gabe Jakobson, and Igor Bisio. **Accepted papers: 62, Submitted papers: 159.**

- \* Symposium on Next-Generation Networking: Sidi-Mohammed Senouci was co-chairing this symposium with Mohammad Atiquzzaman, Cedric Westphal, and Kurt Tutschku. **Accepted papers: 65, Submitted papers: 176.**

In Globecom 2012 (Anaheim, CA, USA):

- TCIIN is co-sponsoring one symposium:

\* Symposium on Ad Hoc and Sensor Networking: Yacine Ghamri-Doudane is co-chairing this symposium with Nidal Nasser, Stefano Basagni, Lynda Mokdad, and Jianping Pan. **Accepted papers: ??, Submitted papers: ??.**

- An Industry Forum had been submitted and accepted at Globecom 2012: Smart Enterprise Forum. Latif Ladid, Sidi-Mohammed Senouci, Yacine Ghamri-Doudane.

In Globecom 2013: TCI2N nominated two representatives to co-chair symposiums and is involved (co-sponsor) in one symposium:

\* Selected Areas in Communications Symposium: Latif Ladid (Internet of Things Track) is co-chairing this symposium with, Edward Au (Data Storage Track), Kaoru Sezaki (e-Health Track), Jianwei Huang (Game Theory for Comm Track), Haniph Latchman (PLC Track), Igor Bisio (Satellite & Space Comms Track), Filippo Cugini (Access Networks & Systems Track) and Stefano Bregni (Green Comms & Networks Track)

In ICC 2013: Harry Skianis is nominated to co-chair a Symposium

In ICC 2014 ITCI<sup>2</sup>N nominated three representatives to co-chair symposiums (Stefano Secci, Nadjib Achir and Khaled Bousstetta).

**Raouf Boutaba asked why we did not have representatives of TCIIN in last Globecom. Yacine answered that the GITC rejects the proposed nomination since GITC is reducing the number of chairs per symposium. TCIIN members were involved only in the SAC Symposium as Track Chair.**

TCI2N flagship event: GIIS 2011 & GIIS 2012:

The third edition of the Global Information Infrastructure Symposium (TCII flagship event) was held Da Yang, Vietnam, the 06-08 August 2011. 36 papers submitted and 20 accepted with 35 participants (involved DUT local students in the organization with free attendance to the event).

The next edition IGIIIS 2012 will be held in Choroní, Venezuela (2h drive from Caracas Airport). The submission deadline is September 9, 2012, the special Session Submission deadline is September 30, 2012, the Authors Notifications is October 21, 2012, the Camera Ready Due is November 4, 2012, and Conference dates are 17-19 December 2012. There is a local involvement from *Universidad Simon Bolivar* and *Universidad de Los Andes*. Raouf Boutaba was worried about the fact that the CFP was not yet finalized. The other concerns of the audience were how to attract before xmas since the conference dates are 17-19 December 2012? Raouf Boutaba proposes to go ahead for the organization of GIIS in 2012 and not in 2013 (as proposed by Yacine). In order to have an attractive event, Raouf and the audience propose to add Tutorials and Keynotes.

IEEE CloudNet 2012:

New IEEE International Conference on Cloud Networking which will be held in Paris, France in November 28-30, 2012. Title and abstract registration are June 15, 2012 , Full paper submission is June 20, 2012, Paper acceptance notification is September 01, 2012, and Final camera-ready paper is September 30, 2012. The General co-chairs are Raouf Boutaba & Guy Pujolle. The TPC co-chairs are Marcus Brunner & Stefano Secci. Low registration Fees!

TCIIN is also is co-sponsoring the following conferences/workshops:

- Wireless Days 2011: <http://www.csit.carleton.ca/~msthilaire/WirelessDays2011/>
- Wireless Days 2012: <http://www.d1116484-10220.cp.blacknight.com/>
- Med-Hoc-Net 2011: <http://netlab.cs.ucla.edu/medhoc2011/>
- Med-Hoc-Net 2012: <http://medhocnet2012.cs.ucy.ac.cy/>
- ITST 2011: <http://www.itst2011.org/>
- NoF 2011 & NoF 2012: <http://www.network-of-the-future.org/>
- ISPS 2011: <http://www.isps2011.dz/>
- ICIN 2011 and ICIN 2012: <http://www.icin.biz/>
- CNSM 2011: <http://cnsm.loria.fr/>
- RIVF 2010: <http://www.infres.enst.fr/rivf2010/Index/Index.class>
- RIVF 2012: <http://www.rivf.org/rivf2012.htm>
- FITCE 2011: <http://www.fitce2011.org/>
- And many others ...

## **5. GAP Project: summary of the HCTC**

Yacine reminded that the Humanitarian Communications Technologies Ad hoc Committee (HCTC) had been created following the activity previously started within TCII by Bob Walp: The GAP (Global Access Plan) project. He also reminded the objectives of HCTC.

## **6. Smart Information Infrastructure: "Green Communications" and "Smart Grids Ad hoc Committee"**

Yacine reminded that two other themes, "Green Communications" and "Smart Grids Ad hoc Committee", are pushed by the TC.

## **7. Website and Mailing List**

The new TC website: <http://www.isat.fr/TCIIN/> and the mailing list: [tcii.isat@u-bourgogne.fr](mailto:tcii.isat@u-bourgogne.fr) are continuously updated by the TC secretary (Sidi Mohammed Senouci). The current membership record: ~400 members.

## **8. Other Business**

No particular point added by the attendance.

**9. Closing**

The meeting was adjourned at 15:30.