

# **Technical Committee on Information Infrastructure (TCIIN)**

## **Minutes from the meeting at GC 2014 Austin, Texas, U.S.A.**

Wednesday 10 December 2014, 3pm - 5pm  
*Room Red River, 18th floor, Hilton Garden Inn*

The following meeting agenda was proposed and accepted.

1. Opening / Introduction
2. Approval of the agenda
3. Review / Approval of minutes of last meeting
4. Conference updates:
  - a. GLOBECOM 2013, ICC 2014, GLOBECOM 2014, ICC 2015, GLOBECOM 2015, ICC2016, GLOBECOM2016
  - b. TCIIN Flagship event - GIIS 2014 and GIIS 2015
  - c. Other conferences and workshops endorsed/supported by TCIIN
  - d. Journal updates
5. Journal updates
6. Report from our TCIIN Standard Liaison
7. Web site & mailing list
8. Next TCIIN Meeting
9. Other Business
10. Adjourn

### **1. Opening and introduction**

Sidi Mohammed welcomed attendees and opened meeting.

### **2. Introduction**

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

- Sidi-Mohammed Senouci, University of Bourgogne, (France), (Cahir and preparing these minutes), Sidi-Mohammed.Senouci@u-bourgogne.fr
- Michele Nogueira, UPFR (Brazil), michele@inf.ufpr.br
- Aldri Santos, UBFR (Brazil), aldri@inf.ufpr.br

- Miguel Elias M. Campista, UFRJ (Brazil), miguel@gta.ufrj.br
- Abdelhamid Mammeri, U. Ottawa (Canada), amammeri@uottawa.ca
- Lyes Khoukhi, UTT (France), lyes.khoukhi@utt.fr
- Mohsen Guizani, Qatar University (Qatar), mguizani@ieee.org
- Hacene Fouchal, University of Reims Champagne Ardenne (France), Hacene.Fouchal@univ-reims.fr
- Cheng Li, Memorial University (Canada), licheng@mun.ca
- Adlen Ksentini, University of Rennes 1 (France), adlen.ksentini@irisa.fr
- Abdallah Shami, Univ. Western Ontario (Canada), ashami2@uwo.ca
- Lynda Mokdad, University of Paris 12 (France), Lynda.MOKDAD@univ-paris12.fr
- Pascal Lorenz, UHA (France), pascal.lorenz@uha.fr
- Tarik Taleb, NEC (Germany), talebtarik@ieee.org
- Azzedine Boukerche, University of Ottawa (Canada), boukerch@site.uottawa.ca
- Jalel Ben-Othmane, University of Paris 13, jbo@univ-paris13.fr
- Rolland Vida, Budapest University (Hungary), vida@tmit.bme.hu
- Hichem Sedjelmaci, University of Burgundy, France, Sid-Ahmed-Hichem.Sedjelmaci@u-bourgogne.fr
- Tarek Bouali, University of Burgundy, France, Sid-Ahmed-Tarek.Bouali@u-bourgogne.fr

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

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

### **4. Report on conferences**

The major events in which TCIIN was/is involved are: GLOBECOM 2013, ICC 2014, GLOBECOM 2014, ICC 2015, GLOBECOM 2015, ICC2016, GIIS 2013, GLOBECOM 2016, GIIS 2014 and GIIS 2015.

In Globecom 2013 (Atlanta, GA, USA):

- TCIIN 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-charing 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). **Accepted papers: 13, Submitted papers: 57.**

- The Smart Enterprise Industry Forum:

\* Impact of Deploying IPv6 based SDN on Enterprise Networking

In ICC 2014 (Sydney, Australia):

- TCIIN is involved (co-sponsor) in one symposium:

\* Selected Area in Communications Symposium: **Khaled Boussetta** (Internet of Things Track) is co-charing this symposium with, Brian M. Kurkoski (Data Storage Track), Nazim Agoulmine (e-Health Track), Vincent Guillet (Communications for the Smart Grid Track), Igor Bisio (Satellite & Space Communication Track), Jaafar Elmighani (Green Communications and Computing Track), John S. Thompson (Green Communications and Computing Track), Yonggang Wen (Cloud Computing Track), Tarek S. El-Bawab (Access Networks and Systems Track), Tadashi Nakano (Nanoscale, Molecular, and Quantum Net. Track), Neeli Prasad (Social Networking Track). **Accepted papers: 8, Submitted papers: 23.**

In Globecom 2014 (Austin, YX, USA):

-TCI<sup>2</sup>N is involved (co-sponsor) in one symposium:

\*Selected Area in Communications Symposium: **Nadjib Achir** (Internet of Things Track) and **Stefano Secci** (Cloud Networks Track) are co-charing this symposium with, Frank Effenberger (Access Net. & Sys. Track), Lara Dolecek (Data Storage Track), Joel Rodrigues (e-Health Track), Richard Yu (Green Comms. Track), Mario Kolberg (Hum. Cen. Comms. Track), Dilip Krishnaswamy (Nanotechnology Track), Riccardo Raheli (Power Line Comm. Track), Tomaso de Cola (Satellite & Space Comms. Track). **For IoT Track: Accepted papers: 12, Submitted papers: 30. For Cloud Networks Track : Accepted papers: 18, Submitted papers: 45.**

In ICC 2015 (London, UK):

-TCI<sup>2</sup>N is involved (co-sponsor) in one symposium:

\*Selected Area in Communications Symposium: **Latif Ladid** (Internet of Things Track) is co-charing this symposium with, Kenichi Higuchi, Tokyo Univ. of Sciences, Khairi Hamdi, Jaafar Elmighani (Green Communications Track), Xinde Hu (Data Storage and Cloud Computing), Hsi-Pin Ma (Communications for E-Health), Bill Lichtensteiger (Communications for the Smart Grid), Tomaso de Cola (Satellite and Space Communications), Jochen Maes (Access Networks and Systems), Andrew Eckford (Nanoscale, Molecular and Quantum Networking),

Symeon Papavassiliou (Social Networking), John Mitchell (Millimeter-wave Communications).

In Globecom 2015 (San Diego, USA):

-TCIIN nominated 2 members to be co-chair in two symposiums:

- \* Selected Area in Communications Symposium (**Yacine Ghamri-Doudane**, Internet of Things Track),
- \* Symposium on Next-Generation Networking (**Sidi-Mohammed Senouci**).

In ICC 2016 (Kuala Lumpur, Malaysia):

-TCI<sup>2</sup>N nominated 3 members to be co-chair in two symposiums:

- \* Selected Area in Communications Symposium (**Antonio Jara** for Internet of Things Track and **Michele Nogueira** for Cloud Networks Track)
- \* Symposium on Next-Generation Networking (**Rami Langar**)

In Globecom 2016 (Washington, USA):

-TCIIN nominated 3 members to be co-chair in two symposiums:

- \* Selected Area in Communications Symposium (**Nidal Nasser**, Internet of Things Track and **Nadjib Aitsaadi** for Cloud Networks Track)
- \* Symposium on Next-Generation Networking (**Rami Langar**)

TCI<sup>2</sup>N flagship event: GIIS 2013 & GIIS2014 & GIIS2015:

- The fifth edition GIIS 2013 was held in Trento, Italy (EIT ICT Labs, Trento Node). We received 83 submitted papers. The tentative program includes 3 Keynotes, 32 full papers (38,55%) and 10 short papers. The number of participants was more than 50 with participation.

- The sixth edition GIIS 2014 will be held in Montreal (University of Quebec at Montreal - UQAM, Canada). The conference dates are 15-19 September 2014. The tentative program includes 3 Keynotes, 23 full papers 1 invited paper (38%) + 13 short papers. The number of participants was more than 50 and student volunteers.

- The city of Tlemcen in Algeria was the first location agreed during ICC2014 (Sydney). For security reasons, the steering committee decided to change the location. The new potential location is Wuxi (China) given the connection with the IEEE Smart Cities Initiative. A first positive feedback from the local organizers but we are still waiting for final feedback from EITC (Economic and Information Technology Committee). The tentative Dates are November/December 2015.

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

- MEDHOCNET 2015, 17-19 June 2015 (Algarve, Portugal)
- NetSoft 2015, 13-17 April 2015 (London, England)
- ICIN 2015, 17-19 February (Paris, France)
- ITC 2014, 09-11 September, 2014 (Karlskrona, Sweden)
- NOF 2014, 3-5 December, 2014 (Paris, France)
- Wireless Days (WD 2014), November 12-14, 2014 (Rio de Janeiro, Brazil)
- I4CS 2014, June 04-06, 2014 (Reims, France)
- WPMC 2014, September 07-10, 2014 (Sydney, Australia)
- CCEM 2014, October 15-17, 2014 (Bangalore, India)
- RIVF 2013, November 10-13, 2013 (Hanoi, Vietnam)
- MEDHOCNET 2013, June 24-26, 2013 (Ajaccio, Corsica, France)
- ICIN 2013, 14-17 October 2013 (Venice, Italy)
- UBI-HEALTHTECH 2013, 1-3 July, 2013 (Jinhua, China)
- Wireless Days 2013, 13-15 Nov 2013 (Valencia, Spain)
- NOF 2013, 23-25 October, 2013 (Pohang, South Korea)
- ITC 2013, 10-12 September, 2013 (Shanghai, China)
- BlackSeeCom 2013, July 3-5, 2013 (Batumi, Georgia)
- IEEE SACONET 2013, June 17-19, 2013 (Paris, France)
- ICT 2013, May 6-8, 2013 (Casablanca, Morocco)
- And many others ...

## **5. Journal updates**

TCIIN is also sponsoring some special issues proposals under submission:

- Lead Guest-Editor - « Selection of the best papers from the WF-IoT 2014 conference » Special Issue, IEEE Internet of Things Journal (IoT-J) – on-going (papers submitted in May 2014 – Publication due : March/April 2015).
- Guest-Editor - « Wireless Communications, and Networking Technology towards, Intelligent Internet of Vehicles » Special Issue, Springer/EURASIP Wireless Communications and Networking (WCN) Journal – on-going (papers submitted in August 2014 – Publication due: Summer 2015).
- Guest-Editor - « Feature Topic on Internet of Things/M2M from Research to Standards: The Next Steps » Special Issue - IEEE Communications Magazine (ComMag) – call open (Submission deadline: January 2015 – Publication due: August 2015).
- Guest-Editor - « Connected vehicles », Special Issue - REE (Revue de l'Electricité et de l'Electronique) - October, 2014.

## **6. Report from our new TCIIN Standard Liaison**

Our standard liaison, Periklis Chatzimisios, was not able to attend the meeting but send some slides showing the Standardization activities in the next TCIIN meeting :

- Establishment of the IEEE Standards Research Group on IoT Communications and Networking Infrastructure. The plan of this Research Group will be the following: Duration of 8 to 12 months and the expected outputs are vision documents and publications (this action will be stimulated to organize Workshops and Special Sessions under IEEE Comsoc activities). The RG Chair is Prof. Stefano Giordano (s.giordano@iet.unipi.it).

- Establishment of the IEEE Standards Research Group on Software Defined and Virtualized Wireless Access. The first F2F meeting to be held at IEEE Globecom 2014 (10th December, 9 AM to 10 AM) with the following proposed agenda: (a) Present the current version of the white paper (15 mins) (b) Discuss any papers/presentations from RG members which are potential input to the whitepaper (30 mins) (c) Present the roadmap for completion of the white paper (15 mins). The RG Chair is Associate Prof. Fabrizio Granelli (granelli@disi.unitn.it).

- Other standardization activities related to TCIIN are the following: (i) Third IEEE Workshop on "Telecommunication Standards: From Research to Standards", part of IEEE Globecom 2014, Austin, TX, USA Workshop Day: 8th December 2014. (ii) A new conference has been established: IEEE Communications Standards and Networking Conference (will probably take place November 2015)

#### **7. New: TCIIN News letter**

Sidi Mohammed Senouci proposes to setup a newsletter for this committee. The aim is to disseminate information of interest of the committee membership. This newsletter will be distributed on the mailing list as well as posted on the web page. One of the editors is Nidal Nasser (TCIIN VC). Sidi Mohammed Senouci, asked if there are any other volunteers? No volunteer was identified and Sidi Mohammed Senouci proposes to ask for volunteers in the next TCIIN meeting.

#### **8. Website and Mailing List**

As indicated before, regarding TCIIN recertification, there was a need to address some comments regarding website. A new TC website was designed and moved from <http://www.isat.fr/TCIIN/> to <http://committees.comsoc.org/TCIIN/> (Actual version is available at this link: [http://cms.comsoc.org/eprise/main/SiteGen/TC\\_IIN/Content/Home.html](http://cms.comsoc.org/eprise/main/SiteGen/TC_IIN/Content/Home.html))

The mailing list: [tciiin.isat@u-bourgogne.fr](mailto:tciiin.isat@u-bourgogne.fr) are continuously updated by the TC secretary (Rami Langar). The current membership record: ~700 members.

#### **9. Next TCIIN Meeting**

The next TCIIN meeting will be held during ICC 2015 in London, U.K. (June 8-12, 2015).

#### **10. Other Business**

No particular point added by the attendance.

#### **11. Closing**

The meeting was adjourned at 5:00pm.