

# Technical Committee on Information Infrastructure (TCIIN)

## Minutes from the meeting at IEEE Globecom 2016 Washington DC, USA

Wednesday, December 7, 2016 (7:30am – 9:00am)

*Fairchild West room, Washington Hilton hotel*

The following meeting agenda was proposed and accepted.

1. Opening / Introduction
2. Awards
3. Approval of the agenda
4. Review / Approval of minutes of last meeting
5. Conference updates:
  - a. GLOBECOM2016, ICC2017
  - b. TCIIN Flagship event - Global Information Infrastructure and Networking Symposium (GIIS)
  - c. Other conferences and workshops endorsed/supported by TCIIN
6. Journal updates
7. Report from our TCIIN Standard Liaison
8. Web site & mailing list
9. Other Business
10. Next TCIIN Meeting
11. Meeting adjourn

### 1. Opening and Introduction

Pascal Lorenz (Chair) welcomed attendees and opened the TCIIN meeting. All participants introduced themselves. The list of the attendees is given below:

- Pascal Lorenz, University of Haute Alsace, France (TCIIN Chair) (Lorenz@ieee.org)
- Sidi-Mohammed Senouci, University of Bourgogne, France (TCIIN Past Chair) (Sidi-Mohammed.Senouci@u-bourgogne.fr)
- Nadjib Aitsaadi, Engineering Scholl ESIEE Paris, France (nadjib.aitsaadi@esiee.fr)

- Yacine Ghamri Doudane, University of La Rochelle, France (TCIIN Past Chair), (yacine.ghamri@univ-lr.fr)
- Mehmet Ulema, Manhattan College, USA (m.ulema@ieee.org)
- Hossam Hassanein, Queens University, Canada (hossam@cs.queensu.ca)
- Abdellatif Kobbane, Mohammed V University of Rabat, Morocco (abdellatif.kobbane@um5.ac.ma)
- Igor M. Moraes, Universidade Federal Fluminense, Brazil (igor@ic.uff.br)
- Otto Carlos M. B. Duarte, Universidade Federal do Rio de Janeiro, Brazil (otto@gta.ufrj.br)
- Raouf Boutaba, University of Waterloo, Canada (Past TCIIN Chair) (rboutaba@uwaterloo.ca)
- Ruozhou Yu, Arizona State University, USA (ruozhouy@asu.edu)
- Abderrezak Rachedi, University Paris Est, France (rachedi@ieee.org)
- Hossam Afifi, Institut Mines Telecom, France (hossam.afifi@mines-telecom.fr)
- Hassine MOUNGLA, University of Paris Descartes, France (hassine.moungla@parisdescartes.fr)
- Lynda Mokdad, University of Paris 12, France (Lynda.MOKDAD@univparis12.fr)
- Jalel Ben-Othman, University of Paris 13, France (jbo@univ-paris13.fr)
- Periklis Chatzimisios, Alexander TEI of Thessaloniki, Greece (TCIIN Secretary and preparing the meeting minutes) (peris@it.teithe.gr)

## 2. Awards

Two TCIIN awards have been distributed:

### - Technical Achievement Award

Recognizes members of the TCIIN who have been actively involved with the Technical Committee, have performed outstanding work and have achieved a high degree of visibility in the field. For 2016, the Technical Achievement Award has been distributed to:

Recipient (2016): Prof. Raouf Boutaba, University of Waterloo, Canada

### - Outstanding Service Award

Recognizes members of the TCIIN who have a distinguished record of service, including TCIIN-sponsored symposia and workshop organization, leadership roles within the committee, and promoting committee activities and interests in the broader research community. For 2016, the Outstanding Service Award has been distributed to:

Recipient (2016): Mehmet Ulema, Manhattan College, USA

### 3. Approval of the agenda

The agenda the meeting was presented by Pascal Lorenz and approved by all the participants.

### 4. Review / Approval of minutes of last meeting

The minutes of the last meeting (during IEEE ICC 2016 conference) were presented by Pascal Lorenz and approved by all the participants.

### 5. Conference updates

#### (a) Major events

The major events in which TCIIN was/is involved are: ICC 2016, GLOBECOM 2016, ICC 2017, GLOBECOM 2017, ICC 2018, Globecom 2018, GIIS 2016, GIIS 2017 and GIIS 2018.

In Globecom 2016 (Washington, USA):

-TCIIN is involved (co-sponsor) in two Symposiums:

\* Symposium on Selected Areas in Communications (**Nidal Nasser**, Internet of Things Track and **Nadjib Aitsaadi** for Cloud Networks Track)

\* Symposium on Next-Generation Networking (**Periklis Chatzimisios**), acceptance rate **38%** (**156** submitted, **60** accepted)

Some general numbers for Globecom 2016: **2479** papers submitted, acceptance rate: **36,7%** , **58** tutorials proposed (**24** accepted) and **23** workshops.

In IEEE ICC 2017 (May 21-25, Paris, France):

-TCIIN nominated 3 members to be co-chairs in two Symposiums:

\* Selected Area in Communications Symposium (**Antonio Jara and Nidal Nasser** for Internet of Things Track and **Papapanagiotou Ioannis** for Cloud Networks Track)

\* Symposium on Next-Generation Networking (**Sidi Mohammed Senouci**)

-The Executive Chair for IEEE ICC 2017 is the TCIIN Chair Prof. Pascal Lorenz

#### (b) TCIIN Flagship event - Global Information Infrastructure and Networking Symposium (GIIS)

Information about GIIS 2016, GIIS 2017 and GIIS 2018 is found below:

- GIIS 2016 was held in Porto, Portugal and hosted during October 19-21, 2016 by ISEP/GECAD. The program included the following:

i. Three (3) Keynotes:

- Keynote 1 entitled “Architectures of Wireless Next Generation Networks”, by Pascal Lorenz, University of Haute Alsace, France
- Keynote 2 entitled “Intelligent building: at the convergence between energy,

facility, ICT and security”, by Adrien Becue, Airbus Defense and Space Cybersecurity

- Keynote 3 entitled “Interoperability of real-time agent-based intelligent systems for demand response in Smart grids”, by Zita Vale, GECAD, ISEP-IPP, Portugal
  - ii. Five (5) Technical Sessions that accommodated 22 full papers (44 papers were submitted in total)
  - iii. Several research meetings and sessions such as the “Europe-Korea Research on Ubiquitous Computing and Ambient Intelligence” and the “FUSE-IT Public Session”.
- GIIS 2017 will be held in Saint-Denis, Reunion Island during October 25-27, 2017. The paper submission deadline is May 1, 2017. More information can be found in <http://grtc.uha.fr/GIIS17.html>
- GIIS2018 will be held in Greece during October 2018 (exact dates to be determined).

(c) Other conferences and workshops endorsed/supported by TCIIN

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

- ICC’2019, Shanghai, China.
- Globecom’2019, Big Island Hawaii, USA.
- ICC’2018, Kansas City, USA.
- Globecom’2018 Abu Dhabi, UAE.
- GIIS’18, October 2018, Greece.
- Globecom’2017, December 2017, Singapore.
- GIIS’17, October 25-27, 2017 Reunion Island, France.
- CITS 2017 - International Conference on Computer, Information and Telecommunication Systems, 21-23 July 2017, Dalian, China.
- Workshop on Network and Systems Support for Games, NETGAMES’17, 22-23 June 2017, Taipei, Taiwan.
- Wireless Days 2017, March 29-31, 2017, Porto, Portugal.
- ICIN’17 Conference on Innovations in Clouds, Internet and Networks, March 7-9, 2017, Paris, France.
- PEMWN 2016, International Conference on Performance Evaluation and Modeling in Wired and Wireless Networks, November 22-25, 2016, Paris, France.
- CIoT’16, Cloudification of the Internet of Things, November 23-25, 2016, Paris, France
- 7th International Conference On Network of the Future, NoF’16, Nov 16-18, 2016, Búzios, Brazil.
- RIVF’16, 12th IEEE-RIVF International Conference on Computing and Communication Technologies, November 7-9, 2016, Hanoi, Vietnam.
- And many others ...

## **6. Journal updates**

TCIIN is also sponsoring the following Special Issues related to the TC topics:

- IET Communications, Special Issue on “Advances in Internet-of-Vehicles” (expected to be published late 2017).
- Wiley Transactions on Emerging Telecommunications Technologies (ETT), Special Issue on “Recent Advances in Fog and Mobile Edge Computing” (expected to be published early 2018).
- IEEE Access, Special Section on “Communication, Control and Computation Issues in Heterogeneous Vehicular Networks” (expected to be published early 2018).

## **7. Report from our TCIIN Standard Liaison**

Our Standard Liaison, Periklis Chatzimisios, presented the latest standardization activities and progress of the Big Data Standards Committee (BDSC) for the IEEE Big Data Initiative (BDI).

Moreover, information was given about an event related to TCIIN standardization activities, the IEEE Conference on Standards for Communications and Networking (CSCN'17) that will be held in Helsinki, Finland, during September 18-21, 2017. The paper submission deadline is set to April 2017. More information can be found in <http://www.ieee-cscn.org/>

A new journal related to standards is founded, the IEEE Communications Standards Magazine (<http://www.comsoc.org/comstandardsmag>), the first issue will be published on March 2017. If any TCIIN member wants to propose a Feature Topic, should contact Periklis Chatzimisios ([pchatzimisios@ieee.org](mailto:pchatzimisios@ieee.org))

## **8. Website & Mailing List**

A new TC website was designed and moved from <http://www.isat.fr/TCIIN> to <http://committees.comsoc.org/TCIIN>

Moreover , the TCIIN mailing list ([tciin.isat@u-bourgogne.fr](mailto:tciin.isat@u-bourgogne.fr)) is continuously updated by the TC Secretary and presents the following numbers:

- Current membership record: More than 790 members
- Increase in the membership after each GIIS conference

## **9. Other Business**

No particular point added by the attendance.

## **10. Next TCIIN Meeting**

The next TCIIN meeting will be held during ICC 2017 in Paris, France (May 21-25, 2017).

## **11. Meeting adjourn**

The meeting was adjourned at 8:40am.