

Communication Software Technical Committee

<http://committees.comsoc.org/commsoft/>

Tuesday, May 23, 2017

12:00 AM-13:30 PM

Paris, France

Agenda

1. Welcome and introduction
2. Approval of the agenda
3. Approval Globecom'16 minutes
4. Administrative matters
 1. Recertification
 2. Report on the Website
 3. Newsletters
 4. Social pages: linkedIn and Facebook
5. Report on SIG Activities
6. Report on standard activities
7. TC involved Journal/magazine publications
8. TC endorsed conferences
9. Other business

1- Welcome and introduction

- Prof. Hacene Fouchal welcomed attendees and opened meeting.
- All participants introduced themselves.
- The list of attendees is prepared by Abdellatif Kobbane secretary of CommSoft
- Fouchal reminder that our TC aims to federate activities around software communication cover wide areas from historical issues protocols and services and and new trends as SDN, Big Data and NFV.

2- Approval of the agenda

- The following meeting agenda was proposed and accepted.

3- Approval Globecom'16 minutes

- The minutes of the last meeting was presented by Fouchal and approved by all the participants

4- Administrative matters

1. Recertification

- Hacene Fouchal introduced the different steps of the report for recertification, and asked all members to make the maximum effort to increase the attractiveness of this TC.

- A self recetification process is on progress. The folder has been sent to our reviewer : Liang Ying Chang
- This is a first step before the official one which will held soon. Fresh news will be given May 23rd during TAC meeting

2. Report on the Website
3. Newsletters
4. Social pages: linkedIn and Facebook

The TC web site has been updated according to the IEEE COMSOC TC template. The new version is available at <http://commsoft.committees.comsoc.org>.

Social groups by Abdellatif Kobbane

- The TC is referenced over Facebook and LinkedIn.

5- Report on SIG Activities

Presented by Hacène Fouchal, SIGs
coordinator - Scott Fowler

- Special Interest Group on “Communication softwares for Vehicular AdHoc Networks”
 - **Coordinator** : Prof. Hacene Fouchal (Hacene.Fouchal@univ-reims.fr) – No answer
- Special Interest Group on “NFV and SDN technologies”
 - **Coordinator** : Dr. Adlen Ksentini (adlen.ksentini@eurecom.fr)– Yes
- Special Interest Group on “Security in Software Communication”
 - **Coordinator** : Prof. Jalel Ben-Othman (jbo@univ-paris13.fr) – Yes
- Special Interest Group on “Big Data and Communication software”
 - **Coordinator** : Dr. Periklis Chatzimisios (peris@it.teithe.gr) – Yes
- Special Interest Group on “Designing Future Optical Wireless Communication Networks- DETERMINE”
 - **Coordinator** : Dr. Scott Fowler (scott.fowler@liu.se)- Yes

5.1- SIG on NFV and SDN technologies

Head: Dr Adlen Ksentini

- TPC Chair of the IEEE CloudNET 2017
 - Prague
 - CFP still open
 - Topics: NFV, SDN, Cloud Computing
- Tutorial in IEEE CCNC 2017 and IEEE/IFIP IM 2017
 - Programmable mobile networks: SDN, NFV, Edge Computing
- New JSAC Series on Network Softenerization
 - CFP 1st September 2017
- Teaching Brigade on ONOS
 - Materials for SDN courses based on ONOS

5.2 SIG on Security in Software Communication

Head: Prof Jalel Ben-Othman & Dr. Y. Saaverda

- Symposium Co-Chair of ICC 2017 MWN, May 2017
- IEEE Comsoc Distinguished Lecturer Tour
 - UAE-Jordan-Lebanon march 2017
 - Lithuania-Estonia-Sweden April 2017

- Keynote ICCIP 2017, Tokyo, Japan, Nov. 2017

5.3 SIG on Big Data and Communication software activities

Head: Dr Periklis Chatzimisios

- Panelist, Panel on "Big Data Analytics for Smart and Connected Health"
 - IEEE ICC 2017 conference , May 22, 2017 (Paris, France)
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- Invited talk on "Internet of Things and Big Data: Applications, Technologies and Standards"
 - May 19, 2017 (University Pierre and Marie Curie, LIP6, Paris, France)
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- Invited talk on "Internet of Things and Big Data: Applications, Technologies and Standards"
 - April 12, 2017 (University of Cagliari, Cagliari, Italy)
- Invited talk on "Protocols and Standardization Activities for 5G"

- IEEE 5G Summit , January 19, 2017
(Lisbon, Portugal)
- Invited talk on "IoT and Big Data: Applications, Technologies and Standards"
- 2nd International Summer School on Emerging Architectures and Key Technologies for 5G Networks (AegeanNetCom2016) , August 30, 2016 (University of Aegean, Samos, Greece)

5.4 SIG on DETERMINE activities

Head: Dr Scott Fowler

- Various Talks on Free Space Optical at the 8th Nordic Workshop on System and Network Optimization for Wireless (SNOW'17)
 - <https://www.ltu.se/org/srt/SNOW2017/Programme?l=en>
 - EU demo at the DETERMINE Workshop held at SNOW'17 (<http://determine.itn.liu.se/news-events.html>)
- 2 Journal papers accepted on Stochastic Geometry Modeling and mmWAVE related to FSO.

5.5 SIG on Vehicular AdHoc Networks activities

Head: Prof. Hacene Fouchal

- Track chair
 - International Conference on Innovative Network Systems and Applications (NetSApp'17), Prague, , September, 2017- within FedCSIS conference
- Invited talk
 - **WinCom 2017** – The International Conference on Wireless Networks and communications, November, 2017, Rabat, Morocco.
- European C-ITS platform
 - Active member of the Compliance assessment working group
- Involved in VANET deployments where 2 interesting issues
 - Geonetworking forwarding is standardized but difficult to deploy
 - Security issues : The EU et US standards should merge in the next coming weeks

6- Report on standard activities

In progress

7- TC involved Journal/magazine publications

- TC is available to support proposals for special issues on IEEE journals (ComMag, JSAC, etc.)
- For next meetings, please inform us if there is any involvement
- 8-TC endorsed conferences
 - **CITS 2017** - International Conference on Computer, Information and Telecommunication Systems, 21-23 July 2017, Dalian, China
 - **WINCOM 2017** - The International Conference on Wireless Networks and communications, November 1-4, 2017, Rabat, Morocco.

ICC'17 Paris May 21-25, 2017, Symposium

- **Cognitive Radio and Networks Symposium**
 - Walid Saad Virginia Tech, USA
 - Oliver Holland, King's College London, UK

- **Communication Software, Services and Multimedia Applications Symposium (CSSMA Symposium)**

- Maria G. Martini,
- Said Hoceini,
- Abdallah Shami, Western Univ., Ontario, CA

–GC'17, Singapore, December 4-8, 2017

- Adlen Ksentini for CSSMA symposium

–ICC'18, Kansas City, USA, May 19-25, 2018

- Hacène Fouchal for CSSMA symposium

–GC'18, Abu Dhabi, UAE, December 9-13, 2018

- Abdallah Shami for CSSMA symposium

–ICC'19, Shanghai, China, May 20-24, 2019

–GC'19, Waikoloa Village, HI, USA, December 9-13 2019

Some statistics ICC 2017

- **Communication Software, Services and Multimedia Applications symposium**
 - Submissions 68
 - Accepted papers 26
 - Acceptation rate 38 %
- **Cognitive Radio and Networks Symposium**
 - Submissions 93
 - Accepted papers ??
 - Acceptation rate ??

Some statistics on Globecom 2017

Communication Software, Services and Multimedia Applications symposium

- Submissions 91
- Accepted papers : Not already available
- Acceptation rate : around 37%

- **Cognitive Radio and Networks Symposium**

- Submissions : ??
- Accepted papers : Not already available
- Acceptation rate : Not already available

9-Other business

Fouchal asked the attendee to help to disseminate the CFP of the CSSMA Symposium in order to increase the number of submissions in Globecom2017

- Hacene Fouchal is one of the Keynote speakers in IEEE WINCOM 2017 endorsed by the TCS.

- Lynda Mokdad and Cheng Li are General Co-Chairs and Abdellatif Kobbane are Executive Chair of the IEEE WINCOM 2017 conference; also endorsed by TCS.

The meeting was adjourned at 1:20 pm.