

IEEE Communications Society
Satellite and Space Communications (SSC) Technical Committee

Agenda for Meeting at GC2014, Austin, USA

Date: Thursday, 11th December 2014, 12:30-14:00

Venue: Hilton Garden Inn Hotel

1. Call to Order (Chair, Igor Bisio)

The meeting was called to order at 12:30 with 28 people in attendance. After participants introduced themselves, Dr. Bisio introduced the committee and welcome new members. The agenda of the meeting was presented and accepted by all the attendees.

2. Approval to the Proposed Agenda (Chair, Igor Bisio)

The proposed agenda of the meeting is shown below.

1. Introduction and Welcome to New Members
2. Approval of the Proposed Agenda
3. Approval of the Minutes of ICC 2014 SSC TC Meeting
4. Conference and Workshop Reports:
 - a. ICC 2015@London, UK
 - b. GC2 015@San Diego, USA
 - c. ICC 2016@Kuala Lumpur, Malaysia
 - d. GC 2016@Washington, USA
 - e. ICC 2017@Paris, France
5. TC Journal / Magazine /Conference Activities
6. SSC Newsletter
7. Web Site, Membership Status, and Email List
8. Technical Activities Council (TAC) Report
9. SSC Service Award
10. Any Other Business
11. Time and Place of Next Meeting: ICC 2015, London, UK
12. Adjourn

3. Approval of the Minutes of ICC2014 SSC TC Meeting (Chair, Igor Bisio)

http://cms.comsoc.org/SiteGen/Uploads/Public/Doc_TC_SSC/Meetings/sscmin20140612.pdf

The minutes of the last meeting held in ICC 2014 were presented and accepted without objection.

4. Conference and Workshop Reports (Chair, Igor Bisio)

A. ICC2015 (London, UK)

- TC representative

- Dr. Tomaso de Cola as Symposium Co-Chair of the SAC Symposium (SSC Track)
- ICC2015 TPC meeting was held on Wed 10 December 2014, 16.00-18.00 Creekside (Hilton Garden Inn Hotel)

B. GC 2015 (San Diego, CA, USA)

- TC representative
 - Dr. Tomaso de Cola as Symposium Co-Chair of the SAC Symposium (SSC Track)
 - Prof. Song Guo as Symposium Co-Chair of the AHSN Symposium
- GC2015 Organizing Committee meeting was held on Wed 10 December 2014, 10.00-12.00 Pedernales (Hilton Garden Inn Hotel)

C. ICC 2016 (Kuala Lumpur, Malaysia)

- TC representatives:
 - Prof. Song Guo as Symposium Co-Chair of the SAC Symposium (SSC Track)
 - The other nominated SSC members Prof. D. Tarchi (WC) and Prof. Jiajia Liu (WN) have not been selected
- The ICC 2016 TPC meeting was not held

D. GC 2016 (Washington, DC, USA)

- TC representatives: SSC TC has nominated three possible representatives
 - Dr. Tomaso de Cola as Symposium Co-Chair of the SAC Symposium (SSC Track)
 - Dr. Nader Alagha as Symposium Co-Chair of the WC Symposium
 - Prof. Mianxiong Dong as Symposium Co-Chair of the WN Symposium
- The GC2016 Organisation Committee meeting was held on Tue 09 December 2014, 14.00-16.00 Travis (Hilton Garden Inn Hilton)

E. ICC 2017 (Paris, France)

- Nothing planned yet

F. Other Conferences / Workshops

- The SSC related conferences are:

CONFERENCES CALENDAR

CONFERENCE	DATE & LOCATION	INFORMATION
SPECTS 2015 International Symposium on Performance Evaluation of Computer and Telecommunication Systems	July 26-29, 2015 Chicago, IL, USA	http://atc.udg.edu/SPECTS2015/
IEEE Aerospace Conference	Mar 7 - 14, 2015 the Yellowstone Conference Center in Big Sky, Montana, USA	http://www.aeroconf.org/
WCNC 2015 IEEE Wireless Communications and Networking Conference	March 9-12, 2015 New Orleans, LA, USA	http://wcnc2015.ieee-wcnc.org/
ICNS Integrated Communications Navigation and Surveillance Conference	April 21-23, 2015, Washington Dulles Airport, VA, USA	http://i-cns.org/
VTC-Spring 2015 IEEE Vehicular Technology Conference	May 11-14, 2015, Glasgow, UK	www.ieeevtc.org/
International Conference on Localization and GNSS	June 22-24, 2015 Gothenburg, Sweden	http://www.icl-gnss.org/2015/index.php
PIMRC 2015 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications	Aug 30-Sept. 2, 2015, Hong Kong, China	http://pimrc2015.eee.hku.hk/index.html
20th Ka and Broadband Communications Navigation and Earth Observation Conference 2015	October 12-14, 2015 Bologna, Italy	http://www.kaconf.org/

- The SSC TC endorsed the following conferences:
 - 3rd International Conference on Advances on Computing Communications and Informatics ICACCI 2014 (<http://icacci-conference.org/website/>) [CO-SPONSORED]
 - 2014 International Symposium on Performance Evaluation of Computer and Telecommunication Systems - SPECTS 2014 (<http://atc.udg.edu/SPECTS2014/>) [CO-SPONSORED]
 - The 7th Advanced Satellite Multimedia Systems Conference (ASMS) and the 13th Signal Processing for Space Communications Workshop (SPSC) (www.asms2014.org/) [CO-SPONSORED]
 - 6th International Conference on Personal Satellite Services (www.psats.eu) [NOT CO-SPONSORED]
- The SSC TC is endorsing the following conferences:
 - 2015 International Symposium on Performance Evaluation of Computer and Telecommunication Systems - SPECTS 2015
 - Asia-Pacific Conference on Communications 2015 - APCC2015

5. TC Journal / Magazine Activities (Chair, Igor Bisio)

A. IEEE Communications Magazine (COMMAG)

- Satellite Communications and Networking: Emerging Techniques and New Applications, Guest Editors: Claudio Sacchi, Kul Bhasin, Naoto Kadowaki, Fred Vong
- Timeline of the special issue
 - Publication of the call-for-papers: December 20, 2013
 - Submission deadline: July 18, 2014
 - First review completed: October 30, 2014
 - Second review completed for paper with minor revision: December 2, 2014
 - Resubmission deadline for paper with major revision: January 10, 2015
 - Conclusion of the second review for paper with major revision: February 6, 2015
 - First part of the special issue will be published on: March 2015
 - Second part of the special issue will be published on: May 2015
- Statistics of the special issue
 - Number of submissions: 24 papers
 - First round review
 - ✧ Accepted with minor revision (not returned to reviewers or to guest editors): 2 papers (published on March 2015 issue of IEEE COMMAG)
 - ✧ Minor revision required (returned to guest editors): 4 papers
 - ✧ Major revision required (to be returned to reviewers): 5 papers
 - ✧ Rejected: 13 papers
 - Second round review
 - ✧ 4 papers requiring minor revision: accepted (published on March 2015 issue of IEEE COMMAG)
 - ✧ 5 papers requiring major revision: under review (candidate, if accepted, to be published on May 2015 issue of IEEE COMMAG)
 - Geographical origin of corresponding authors' affiliations of submitted papers and of the papers published on MARCH 2015 issue
 - ✧ Submitted papers: Italy 25%, France 13%, Germany 13%, UK 13%, USA 13%, Luxembourg 8%, China 8%, Spain 4%, South Korea 4%
 - ✧ Papers published on March 2015 issue: Italy 50%, UK 17%, Luxembourg 17%, France 17%

B. IEEE Journal on Selected Areas in Communications (JSAC)

- GEs: Prof. Sacchi and Prof. Vanelli-Coralli
- In January we will probably receive feedback about the state of the proposal


C. A possible Special Issue on the IEEE Internet of Things Journal (IOT)

- Edited by our Past-Chair Prof. Nei Kato and Prof. Igor Bisio
- The CFP is not entirely dedicated to satellite and space communications and networking topics but are explicitly listed and contributions from this research area are really welcome

D. Others

- A couple of initiative concerns a possible Special Issue proposal on the IEEE Wireless Communications Magazine and on IEEE Network.
- The usual “call for volunteers” will be proposed during the meeting and/or by using the TC mailing list.

6. **SSC Newsletter (Vice-Chair, Tomaso de Cola)**
- SSC Committee Meetings
 - ICC2015 SSC Activities
 - Message from the Chair, Dr. I. Bisio
 - Scanning the World, Dr. T. de Cola
 - Forthcoming ICC and GLOBECOM, and Cosponsoring/Related Conferences and Workshops
 - Conference Calendar
 - Perspective Article: “Providing a Multi-Hazard Open Platform for Satellite Based Downstream Services: the PHAROS Approach” by Javier Mulero Chavez and Cristina Parraga Niebla



SATELLITE AND SPACE COMMUNICATIONS
<http://committees.comsoc.org/ssc/>

IEEE COMMUNICATIONS SOCIETY

SSC Newsletter Vol. 24, No. 2, December 2014

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SATELLITE & SPACE

- JOIN US -

All conference attendees are welcome to join us in the SSC Committee meeting.
Location: Pedernales/Level 1, Hilton Garden Inn
Date: Thursday, 11 December 2014
Time: 12:30-14:00

Future SSC Meetings
 June 2015, London, UK
 Dec. 2015, San Diego, USA
 June 2015, Kuala Lumpur, Malaysia

GLOBECOM 2014 SSC Committee Activities:
Symposium on Selected Areas in Communications:

- **Thursday, 11 December 2014 • 14:00-15:45**
 Location: Level 1, Room 402
 SAC-SSC-01: Satellite Networking
 Chair: Giovanni Giambene (University of Siena, Italy)
- **Thursday, 11 December 2014 • 16:15-18:00**
 Location: Level 1, Room 402
 SAC-SSC-02: Space Communications
 Chair: Hiroki Nishiyama (Tohoku University, Japan)

7. **Web Site, Membership Status, and Email List (Secretary, Song Guo)**



IEEE COMMUNICATIONS SOCIETY
 Satellite and Space Communications Technical Committee

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The forthcoming IEEE ComSoc Technical Committee Meeting on Satellite and Space Communications (SSC) will be co-located in Globecom'14, Austin, TX, USA
 Date: Thursday Dec. 11th, 2014, h. 12.30-14.00 (CST)
 Venue: Room Pedernales/1st floor - Hilton Garden Inn Hotel

[<< JOIN US >>](#)
[<< SSC TC Call-for-Papers >>](#)

For information and suggestions, please send an e-mail to the [Webmaster](#).

The SSC Technical Committee meets at the two main IEEE ComSoc conferences each year, ICC and Globecom. Our meetings are normally on the second day of the technical program in the morning. Please consult the official committee schedule available at the conference for final date, time and location.

Note that you may be an active and valuable member of the committee without attending these conferences. Please review the information on this web site to find areas of involvement that interest you.

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- NEW Web site: http://cms.comsoc.org/eprise/main/SiteGen/TC_SSC/Content/Home.html
- Membership Status: around 370 members
- The e-mail address to all the SSC members: ssc@scnl.dist.unige.it
 - Instruction on subscribe/unsubscribe is available at the following URL: <http://lists.scnl.dist.unige.it/listinfo/ssc/>
 - Or send an e-mail to the Secretary, Song Guo: sguo@u-aizu.ac.jp
- Migration to the new mailing list: ssc@comsoc.org coming up very soon

8. **Technical Activities Council (TAC) Report (Secretary, T. de Cola)**

The TAC meeting hold on Wed 10 Dec. 2014 7.30-9.30 (Colorado, Hilton Garden Inn Hotel) with the following Agenda:

Welcome and Introductions	Khaled B. Letaief
Approval of the Agenda	Khaled B. Letaief
Approval of the TAC meeting minutes (ICC'14)	Khaled B. Letaief
TAC Report	Khaled B. Letaief
Recognition Certificates	Khaled B. Letaief
Technical Committees Review	Khaled B. Letaief
Emerging Technologies Committee	Zhisheng Niu
Distinguished Lecturers Selection	Sherman Shen
New Standards Research and Study Groups	Rob Fish
AoB	

A brief report from the TAC:

- Further IEEE ComSoc Awards are planned (e.g., Education, Young Author). SSC must nominate members for IEEE fellowship and awards. A sub-committee should be appointed (2/3 members);
- A well-organized education program (with very interesting on-line courses) is under development. TCs must contribute with contents from their research area. Another dedicated sub-committee could be appointed (2/3 members);
- VERY IMPORTANT: IEEE ComSoc appointed a “TCs Review Committee” (independent of Recertification). The committee is starting an analysis of the TCs portfolio. This may imply cancellations, merging etc. No decisions have been proposed. Anyway, the level of activity, and industrial involvement, of SSC TC must be kept very high to guarantee a good review outcome of our TC.
- Standards: IEEE ComSoc is asking a major involvement in the Standard activity (TAC considers this the aforementioned industrial involvement). SSC must be more active. Having appointed a new Standard Liaison (Hanry Suthon, from Boing), we could set a dedicated a sub-committee, chaired by Hanry, and involving other members (also new members) preferably from industry.

9. SSC Service Award (Chair, Igor Bisio)

According the SSC TC P&P, the Award Committee is composed by:

- Chair: Prof. Igor Bisio
- Vice-Chair: Dr. Tomaso de Cola
- Secretary: Prof. Song Guo
- Past Chair: Prof. N. Kato
- Past Past Chair: Prof. T. Yamazato

In recognition of their distinguished contributions in the field of Satellite Communications, the Satellite and Space Communications Technical Committee is pleased to present the “2014 Satellite Communications Distinguished Service Award” to Dr. Björn Ottersten, Dr. Symeon Chatzinotas and Dr. Bhavani Shankar, Research group SIGCOM, Interdisciplinary Centre for Security, Reliability and Trust, University of Luxembourg.

10. Any Other Business

- Participation to TC Meetings: The SSC TC last meetings have a quite satisfactory number of attendees. In Atlanta during IEEE GLOBECOM 2013, we had around 40 attendees, in Sydney during IEEE ICC 2014, we had 23 attendees. We have to continue to publicize our meeting and to invite members, past and new, to attend.
- Operative Policies and Procedures (OP&P): The SSC TC since last year has new OP&Ps. The current version seems satisfactory but we will evaluate during the current term if amendments are needed.
- Membership Management: We proposed a two-fold approach: to continue with the acquisition of new members and, more importantly, to involve old and new members in the TC activities (as Symposium Chairs, Guest Editors, etc.).
- Extended Cooperation: It consists of strict cooperation with Industries, research institutes, standardization institutes (e.g., CCSDS, ETSI), and space agencies of several countries (NASA, JAXA, ESA).
- Review of the Advisory Committee: The new Officers team is evaluating the involvement of new members for those roles.
- Awards and Distinguished Lecturers: An ad-hoc committee must be nominated for selection of candidates for the IEEE/ComSoc Awards and for Distinguished Lecturers roles. Concerning this second point, the SSC TC nominated two illustrious colleagues: Prof. Song Guo, the current SSC Secretary, and Prof. Joel Rodrigues, member of our TC.
- Standardization Activities: During the meeting in Atlanta (IEEE GC'13), we appointed the Standard Liaison, Dr. Henry Suthon, Principal Senior Engineer at Boeing (h.suthon@ieee.org).

11. Time and Place of Next Meeting

- Next Meeting at ICC 2015, 8-12 June, London, UK
- <http://icc2015.ieee-icc.org/>

12. Adjourn

- The meeting adjourned at 14:00.

Attendance List

Name	Affiliation	Email Address
Nei Kato	Tohoku University	kato@it.ecei.tohoku.ac.jp
Igor Bisio	University of Genoa	Igor.bisio@unige.it
Tomaso de Cola	DLR	Tomaso.decola@dlr.de
Song Guo	University of Aizu	sguo@u-aizu.ac.jp
Abbas Jamalipour	University of Sydney	a.jamalipour@ieee.org
Hiroki Nishiyama	Tohoku Univ.	bigtree@it.ecei.tohoku.ac.jp
Antonio Iera	UNIRC-DIIES	Antonio.iera@unirc.it
Riadh Dhaou	IRIT/Univ. Of Toulouse	riadh@dhaou.net
Julien Fasson	IRIT/Univ. Of Toulouse	jfasson@irit.fr
Emmanuel Chaput	IRIT/Univ. Of Toulouse	chaput@enseeiht.fr
Jean-Baptiste Dupe	TESA/Univ. Of Toulouse	jdupe@enseeiht.fr

Jie Li	University of Tsukuba	lijie@cs.tsukuba.ac.jp
Shui Yu	Deakin University	syu@deakin.edu.au
Mianxiong Dong	Muroran-IT	mx.dong@ieee.org
Ping Wang	Univ. of Nanyang Tech.	wangping@ntu.edu.sg
Haojin Zhu	Shanghai Jiao Tong Univ.	zhu-hj@cs.sjtu.edu.cn
Wei Zhang	UNSW	w.zhang@unsw.edu.au
Rui Zhang	NUS	elezhang@nus.edu.sg
Kazuma Kaneko	Tohoku Univ.	kaneko@it.ecei.tohoku.ac.jp
Wei Zhao	Tohoku Univ.	zhaowei@it.ecei.tohoku.ac.jp
Pascal Lorenz	Univ. of Haute Alsace	lorenz@ieee.org
Giovanni Giambene	University of Siena	giambene@unisi.it
Ivan Farris	Univ. of Reggio Calabria	ivan.farris@unirc.it
Daniele Tarchi	University of Bologna	daniele.tarchi@unibo.it
Andrea Sciarrone	University of Genoa	andrea.sciarrone@unige.it
Lan Nguyen	LinQuest Corporation	lan.nguyen@linquest.com
Stefano Cioni	ESA	stefano.cioni@esa.int
Dimitrios Christopoulos	Univ. of Luxembourg	dimitrios.christopoulos@uni.lu
Henry Suthon	Boeing/Barrios	h.suthon@ieee.org