

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

IEEE Globecom'2018, Abu Dhabi, UAE
Date: Tuesday 11th, Dec. 2018,
12:30 PM-2:00 PM - Capital Suite 7, ADNEC

1. Approval to the Proposed Agenda (Chair, Tomaso de Cola)

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 2018 SSC TC Meeting
4. SSC Distinguished Service Award
5. Technical Committees Board
6. Technical and Educational Activities Council (TEA-C) Report
7. Update of the P&P (charter) of SSC TC
8. Conference and Workshop Reports:
 - a) GC 2018@Abu Dhabi, UAE
 - b) ICC 2019@Shanghai, China
 - c) GC 2019@Hawaii, USA
 - d) ICC 2020@Dublin, Ireland
 - e) GC 2020@Taipei, Taiwan
 - f) Other conferences / workshops
9. TC Journal/Magazine
10. SSC Newsletter
11. Web Site, Membership Status, and Email List
12. Time and Place of Next Meeting
13. AoB
14. Adjourn

2. Welcome & Agenda and Minutes Approval

Introduction and Welcome to New Members;
Approval of the Proposed Agenda;
Approval of the Minutes of IEEE ICC2018 SSC TC Meeting

3. Approval of the Minutes of ICC 2018 SSC TC Meeting

The minutes of the last meeting held in ICC'2018 were posted at the website and approved by all participating members without objection.

4. SSC Distinguished Service Award

The “Satellite Communication Distinguished Service Award ” for year 2018 is assigned to:

- Dr. Morio Toyoshima (NICT)
- Dr. Lin-Nan Lee (Hughes)

For the outstanding contributions to the SSC TC and the scientific contributions to SatCom

5. Technical Committees Board

Date: Dec 10, 2018 (Monday)

Time: 18:00 – 19:30

Room: Capital Suite 2

Draft Agenda

- 18:00 Welcome and Introduction
- 18:10 Approval of Agenda
- 18:15 Approval of Minutes
- 18:20 P&Ps for the TC Board (Tarik Taleb)
- 18:50 TC Rejuvenation Initiative (Nelson Fonseca)
- 19:15 Discussions
- 19:25 Motions
- 19:30 Adjourn

6. Technical and Educational Activities Council (TEA-C) Report

Date: Dec 11, 2018 (Tuesday)

Time: 8:00 – 10:00

Room: Capital Suite 6

Agenda

- 8:00 Welcome and Introduction, Approval of Agenda and minutes
- 8:20 Report VP TEA (Nelson Fonseca)
- 8:30 Report Emerging Technologies Standing Committee (Jeff Andrews)
- 8:45: Report Educational Service Board (Fabrizio Granelli)
- 8:55 Report Technical Service Board (Tarik Taleb)
- 9:05 Report Fellow Evaluation Standing Committee (Sergio Benedetto) 9:15 Report Awards Standing Committee (Chengshan Xiao)
- 9:25 Report GLOBECOM/ICC Technical Content (GITC) Standing Committee (Matthew Valenti)
- 9:35 Report Distinguished Lecturers Selection Standing Committee (Shiwen Mao)
- 9:45 Report on History Committee (Dave Michelson)
- 9:55 Motions (All)
- 10:00 Adjourn (All)

7. Update of the P&P (charter) of SSC TC

- Latest updated done end of 2017 to reflect the introduction of the SSC Technical Recognition award, assigned from ICC'18 onwards (once a year)
 - Description of the award motivation
 - Nomination methodology
 - Evaluation procedure
- Additional modifications may concern the charter, in order to keep it up-to-date given the new technologies playing an important role in SatCom, e.g.:
 - New Space (HAP, nano satellites, UAS, etc.)
 - Stronger emphasis on the integration of satellite with 5G+ technologies

8. Conference and Workshop Reports

GC 2018 (Abu Dhabi, United Arab Emirates)

GITC has accepted the following nominations:

- Igor Bisio - SSC Track of the SAC Symposium;
- Daniele Tarchi - Wireless Communications Symposium.

The GC 2018 wrap-up meeting will be on Wednesday 12, 13:00 - 16:00.

Statistics:

- 69 submissions
- Accepted: 25 papers

ICC 2019 (Shanghai, China)

GITC has accepted the following nominations:

- Min Lin - SSC Track of the SAC Symposium;
- Andreas Knopp - Wireless Communications Symposium.
- Mianxiong Dong – Mobile and Wireless Networking Symposium

The ICC 2019 Technical Program Committee Meeting was not held on Monday 10, 15.30-17.00

Statistics:

- 61 submissions

GC 2019 (Hawaii, USA)

GITC has accepted the following nominations:

- **Pascal Lorenz- SSC Track of the SAC Symposium;**

The GLOBECOM 2019 TPC is scheduled on Tuesday (today) at 14.30-15.30

ICC 2020 (Dublin, Ireland)

GITC has accepted the following nominations:

- **Dr. Daniele Tarchi (University of Bologna): SAC- SSC track**

The ICC 2020 TPC was not planned

GC 2020 (Taipei, Taiwan)

The TC has proposed the following nominations:

- Prof. Igor Bisio (University of Genoa): SAC-SSC track
- Dr. Stefano Cioni (ESA): WC symposium

The GC 2020 OC/TPC was scheduled on Monday (yesterday) at 07.00-09.00

9. TC Journal/Magazine

CONFERENCES CALENDAR

CONFERENCE	DATE & LOCATION	INFORMATION
SPECTS 2019 International Symposium on Performance Evaluation of Computer and Telecommunication Systems	July 22-24, 2019 Berlin, Germany	http://atc.udg.edu/SPECTS2019/
ITC 2019 31 st International Teletraffic Congress	September 27-29, 2019 Budapest, Hungary	http://itc31.org/
ICTS 2019 International Conference on Computer, Information and Telecommunication Systems	August 28-31, 2019 Beijing, China	http://atc.udg.edu/CITS2019/
ICL-GNSS 2019 International Conference on Localization and GNSS	June 4-6, 2019 Nuremberg, Germany	http://www.icl-gnss.org/2019/
PIMRC 2019 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications	September 8-11, 2019 Istanbul, Turkey	http://pimrc2019.ieee-pimrc.org/
Ka-Band/ICSSC 2019 The 25th Ka and Broadband Communications Conference and the 37th International Communications Satellite Systems Conference (ICSSC)	October 29 - November 1, 2019 Okinawa, Japan	http://www.kaconf.org/
VTC-Spring 2019 2019 IEEE 89 th Vehicular Technology Conference (VTC-Spring)	April 28 - May 1, 2019 Kuala Lumpur, Malaysia	http://www.ieeevtc.org/vtc2019spring/
IEEE BlackSeaCom IEEE International Black Sea Conference on Communications and Networking	June, 3-6, 2019 Sochi, Russia	http://blackseacom2019.ieee-blackseacom.org/

The SSC TC has endorsed the following conferences

- SPECTS 2018 (International Symposium on Performance Evaluation of Computer and Telecommunication Systems)
- ASMS/SPSC 2018 (The 9th Advanced Satellite Multimedia Systems Conference and the 15th Signal Processing for Space Communications)
- WiSEE 2018 (The 6th Annual IEEE International Conference on Wireless for Space and Extreme Environments)

The TC is also likely to endorse (formal procedure on the way) the following conference:

- SPECTS 2019 (International Symposium on Performance Evaluation of Computer and Telecommunication Systems)
- WiSEE 2019 (The 7th Annual IEEE International Conference on Wireless for Space and Extreme Environments)

Special Issue on the **IEEE Network** about integration of satellite networks and 5G.

- Published in September 2018

FT on Space Networks organised for **IEEE Wireless Communication Magazine**

(SSC representative: Dr. Tomaso de Cola).

- Second review round under way
- Tentative publication date: Q2 2019

Preparation of a new SI on SatCom and 5G for **IEEE JSAC**:

- Distributed call for volunteers → many nominations (about 30!!!)
- Next steps: To build the Guest editorial board, which shall be composed of industry and academia, with good representation of three continents
- Submission of the CFP to JSAC for review and possible approval

New ideas, proposals, suggestions are very welcome!!!

10. SSC Newsletter

- SSC Committee Meetings
- GC 2018 SSC Activities
- Message from the Chair, *Dr. T. de Cola*
- Scanning the World, *Prof. S. Guo*
- Forthcoming ICC and GLOBECOM, and Cosponsoring/Related Conferences and Workshops
- Conference Calendar
- Perspective Article: “*Information- Centric Networking for Future Deep Space Explorations*” by Kanglian Zhao, Wenfeng Li, from Nanjing University, China



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The Satellite and Space Communications (SSC) Committee is a volunteer group actively involved in advancing satellite and space communication technologies within the IEEE. This committee is approved by the IEEE Communications Society and is governed by the constitution and bylaws of the IEEE as well as the other twenty-three Technical Committees in the Society. The committee belongs to the Technical Committee Clusters of Communication/Signal Processing (C/SP).

SATELLITE & SPACE

- JOIN US -

All conference attendees are welcome to join us in the SSC Committee meeting.

Location: GC'18, Abu Dhabi, UAE
Room: Capital Suite 7
ADNEC

Date: Tuesday December 11, 2018
Time: 12:30-14:00

Future SSC Meetings

May 2019, Shanghai, China

December 2019, Waikoloa, USA

ICC 2018 SSC Committee Activities:

Symposium on Selected Areas in Communications:

Monday, December 10, 8:00 - 9:30

Room: Conference Hall B: Part D

SAC-SSC.1: Satellite Communications I

Chair: Andreas Knopp (Bundeswehr University Munich, Germany)

Monday, December 10, 15:30 - 17:00

Room: Conference Hall B: Part D

SAC-SSC.2: Satellite Networking I

Chair: Kaoru Ota (Muroran Institute of Technology, Japan)

Tuesday, December 11, 8:30 - 10:00

Room: Conference Hall B: Part D

SAC-SSC.3: Satellite Communications II

Chair: Claudio Sacchi (University of Trento, Italy)

Tuesday, December 11, 13:30 - 15:00

Room: Conference Hall B: Part D

SAC-SSC.4: Satellite Networking II

Chair: Fabio Patrone (University of Genoa, Italy)

Wednesday, December 12, 13:30 - 15:00

Room: Conference Hall B: Part D

SAC-SSC.5: Satellite & Terrestrial System Integration

Chair: Tomaso De Cola (DLR, Germany)

11. Web Site, Membership Status, and Email List

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Welcome

The forthcoming IEEE ComSoc Technical Committee Meeting on Satellite and Space Communications (SSC) will be co-located in Globecom'18, Abu Dhabi, UAE
 Date: Tuesday, 11-Dec
 12:30 – 14:00
 Venue: ADNEC
 Room: Capital Suite 7

- a) Web site: <http://ssc.committees.comsoc.org/>
- b) Membership Status: around 370 members
- c) E-mail list: ssc@comsoc.org

12. None Time and Place of Next Meeting

The next meeting will be held at IEEE ICC 2019, Shanghai, China

Attendance List

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