

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

IEEE Globecom'2017, Singapore  
Date: Wednesday December 6th, 2017,  
12.30-14.00 - Melati Junior 4011

**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'2017 SSC TC Meeting
4. Conference and Workshop Reports:
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  
Other SSC Services Awards  
New Officers' Election
10. Any Other Business
11. Time and Place of Next Meeting: ICC 2016, Paris, France
12. Adjourn

**2. Approval of the Minutes of ICC'2017 SSC TC Meeting**

The minutes of the last meeting held in ICC'2017 were posted at the website and approved by all participating members without objection.

**3. Conference and Workshop Reports**

**GC 2017 (Singapore)**

TC representative: Dr. Tomaso de Cola;

The GC 2017 Technical Program Committee meeting was held Thursday 7, 13:00 - 16:00

Statistics:

56 submissions

22 accepted papers (4 regular sessions with 5 papers each, and 2 papers in the interactive sessions)

Acceptance rate for SAC-SSC: 39%

**ICC 2018 (Kansas City, USA)**

TC representative: Dr. Bo Rong

The ICC 2018 TPC meeting will be held on Thursday 7th, 10.30 -12.00

Statistics:

41 submissions

**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 Technical Program Committee meeting was held on Wednesday (today), 11:00 - 12:00.

**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 OC/TPC Meeting meeting is happening now.

**GC 2019 (Hawaii, USA)**

The TC has proposed the following nominations:

- Pascal Lorenz- SSC Track of the SAC Symposium;
- Giovanni Giambene - Wireless Communications Symposium or - Mobile and Wireless Networking Symposium

The GC 2019 OC/TPC was not planned.

**4. TC Journal/Magazine**

## CONFERENCES CALENDAR

CONFERENCE	DATE & LOCATION	INFORMATION
<b>SPECTS 2017</b> International Symposium on Performance Evaluation of Computer and Telecommunication Systems	July 2017 Seattle, USA	<a href="http://atc.udg.edu/SPECTS2017/">http://atc.udg.edu/SPECTS2017/</a>
<b>ITC 2017</b> 29 <sup>th</sup> International Teletraffic Congress	September 4-8, 2017 Genoa, Italy	<a href="http://itc29.org/">http://itc29.org/</a>
<b>ICTS 2017</b> International Conference on Computer, Information and Telecommunication Systems	July 21-23, 2017 Dalian, China	<a href="http://atc.udg.edu/CITS2017/">http://atc.udg.edu/CITS2017/</a>
<b>ICL-GNSS 2017</b> International Conference on Localization and GNSS	June 2017 Nottingham, UK	<a href="http://www.icl-gnss.org/2017/index.html">http://www.icl-gnss.org/2017/index.html</a>
<b>PIMRC 2016</b> IEEE International Symposium on Personal, Indoor and Mobile Radio Communications	Oct. 8-13, 2017 Montreal, Canada	<a href="http://sites.ieee.org/pimrc-2017/">http://sites.ieee.org/pimrc-2017/</a>
<b>Ka-Band/ICSSC</b> The 23rd Ka and Broadband Communications Conference and the 34th AIAA International Communications Satellite Systems Conference (ICSSC)	October 16-19, 2017 Trieste, Italy	<a href="http://www.kaconf.org/">http://www.kaconf.org/</a>
<b>VTC-Spring 2017</b> 2017 IEEE 85 <sup>th</sup> Vehicular Technology Conference (VTC-Spring)	June 4-7, 2017 Sydney, Australia	<a href="http://www.ieeevtc.org/vtc2017spring/">http://www.ieeevtc.org/vtc2017spring/</a>

The SSC TC will endorse the following conferences

- SPECTS 2017 (International Symposium on Performance Evaluation of Computer and Telecommunication Systems)
- CITS 2017 (2017 International Conference on Computer, Information and Telecommunication Systems)
- COMCAS 2017 (2017 International Conference on Microwaves, Communications, Antennas and Electronic Systems)
- ITC 2017 (2017 International Teletraffic Congress)

IEEE JSAC Special Issue on “Advances in Satellite Communications”:

Prof. Alessandro Vanelli-Coralli (leading GE) University of Bologna, Italy

Dr. Tomaso de Cola German Aerospace Center, Germany

Dr. Frederik Simoens Netwec, Belgium

Dr. Bassel F. Beidas Hughes, United States

Prof. Song Guo The Hong Kong Polytechnic University, Hong Kong

Dr. Alberto Ginesi European Space Agency

Final number of submissions: •90 (initially about 100, some withdrawn or dropped by the GE because of out-of-scope or poor quality)

Accepted papers: •25 •Subdivided into two consecutive issues

Statistics (number of authors per country):

USA: 15  
China: 42  
Japan: 1  
Spain: 2  
Luxembourg: 7  
Greece: 2  
Italy: 18  
The Netherlands: 3  
France: 6  
Canada: 2  
UK: 6  
Germany: 2  
Denmark: 1

Statistics (number of authors per type of organisation):

R&D: 100  
Industry: 5  
Space Agency: 6

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

Dr. Tomaso de Cola (Corresponding Guest Editor) German Aerospace Center (DLR), Germany

Dr. Stefan Covaci Technical University of Berlin, Germany

Dr. Channasandra Ravishankar Hughes Network Systems, US

Prof. Ana I. Pérez-Neira Technical University of Catalonia, Spain

Submission deadline: 15th of February 2018

More information available at: <http://www.comsoc.org/netmag/cfp/integration-satellite-and-5g-networks>

FT on Space Networks organised for IEEE Wireless Communication Magazine (SSC representative: Dr. Tomaso de Cola). The review is ongoing.

## **5. SSC Newsletter**

SSC Committee Meetings

ICC 2017 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: "Towards 5G Satellite Systems" by Stefan Covaci, Technische Universität Berlin, Germany.



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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'17, Singapore  
 Room: 4011  
 Marina Bay Sands Hotel  
**Date:** Wednesday Dec. 6, 2017  
**Time:** 12:30-14:00

**Future SSC Meetings**

June 2018, Kansas City, USA  
 December 2018, Abu Dhabi, United Arab Emirates

**ICC 2017 SSC Committee Activities:**

**Symposium on Selected Areas in Communications:**  
**Symposium on Selected Areas in Communications:**

**SAC-SSC.1: Networking**

*Tuesday, December 5, 16:45 - 17:30*  
*Room: 4613/4713*

**SAC-SSC.2: Physical Layer**

*Wednesday, December 6, 11:45 - 12:30*  
*Room: 4611/4711*

**SAC-SSC.3: System**

*Thursday, December 7, 11:45 - 12:30*  
*Room: 4611/4711*

**SAC-SSC.4: Applications**

*Wednesday, December 6, 16:45 - 17:30*  
*Room: 4613/4713*

**6. Web Site, Membership Status, and Email List**

- Web site: <http://ssc.committees.comsoc.org/>
- Membership Status: around 370 members
- E-mail list: [ssc@comsoc.org](mailto:ssc@comsoc.org)

**7. Technical Activities & Educational Council (TAEC)**

Date and Time: Wednesday, December 6th, 7.30-9.30am  
Venue: Marina Bay Sands Hotel Room: 4711

## Agenda

1. Welcome and Introductions Luigi Fratta
2. Approval of the Agenda Luigi Fratta
3. Approval of the TEAC meeting minutes (ICC 2017) Luigi Fratta
4. TEAC Report Luigi Fratta
5. Board Directors presentations Directors
6. Standing Committee Chairs presentations SC Chairs
7. Recognition Plaques and Certificates Luigi Fratta

### **8. 2017 SSC Service Award**

The “Distinguished Contributions to Satellite Communications Award” for year 2017 is assigned to: For the outstanding contributions to SatCom and the continuous support to the SSC TC over the last 10 years - Professor Takis Mathiopoulos University

New Awards: Satellite Communications Technical Recognition Award

Purpose: This award aims to promote research and development activities in the area of satellite communications within industry and the academic research community. The award is established as part of the SSC-TC activities in involvement in the new and revolutionary developments taking place in the field. The award is aimed at recognising very relevant contributions to SatCom domain, although not necessarily pertaining to the SSC TC activities.

First award: ICC 2018

Nominations starting from January 2018 (e-mail to follow)

### **9. New Officers' Election**

Current officers (myself, Song, Pascal) will conclude the operations in June 2018

New election taking place in Spring 2018, on an electronic format

A TC voting member shall be any individual who has:

- 1) “attended” (physically present, by teleconference, or via electronic means for virtual TC meetings) two or more of the prior five regularly scheduled TC meetings; or
- 2) contributed substantially to the TC activities (such as by chairing symposia, organizing special issues, submitting papers to the TC related Symposia/Tracks of ICC and GLOBECOM or conferences co-sponsored (at least technically) by the IEEE Communications Society in the area of interest of the TC and following all the typical activities of the TC independently of the meetings attendance).

Candidates for the officer positions (chair, vice-chair, secretary) will have to send: CV  
Short statement about their plan and commitment in the forthcoming 2018-2020 mandate

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

None

The next meeting will be held at IEEE ICC 2018, Kansas City, MO (USA).

## 11. Adjourn

The meeting adjourned at 14:00.

## Attendance List

Name	Affiliation	Email Address
Daniele Tarchi	University of Bologna	<a href="mailto:Daniele.tarchi@unibo.it">Daniele.tarchi@unibo.it</a>
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