

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

Agenda for Meeting at Globecom2011, Houston, USA

Date: Wednesday, 7th December, 2011, 12:00-13:00

Venue: Room 337 / Level 3 of the Hilton Americas Hotel

1. Call to Order (Chair, Nei Kato)

The meeting was called to order at 12:00 with 14 people in attendance. After participants introduced themselves, Dr. Kato 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, Nei Kato)

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 ICC2011 SSC TC Meeting
4. Conference and Workshop Reports:
 - A) GLOBECOM 2011@Huston, USA
 - B) ICC2012 @Ottawa, Canada
 - C) GLOBECOM2012@Anaheim, USA
 - D) ICC 2013@Budapest, Hungary
 - E) GOBECOM2013@Atalnta, USA
 - F) Other conferences / workshops
5. TC Journal / Magazine / Conference Activities
6. SSC Newsletter
7. Web Site, Membership Status, and Email List
8. Technical Activities Council (TAC) Report
9. 2011 Satellite Communications Distinguished Service Award
10. Any Other Business
11. Time and Place of Next Meeting: ICC2012@Ottawa, Canada
12. Adjourn

The proposed agenda was presented and accepted without any objection.

3. Approval of the Minutes of ICC2011 SSC TC Meeting (Chair, Nei Kato)

<http://committees.comsoc.org/ssc/about/minutes/sscmin20110606.pdf>

The minutes of the last meeting held in ICC 2011 were presented and accepted without objection.

4. Conference and Workshop Reports:

A. GLOBECOM 2011 (Dec 5-9, 2011 @Huston, Texas, USA)

- TC representative: Igor Bisio
- SSC endorses the Other Selected Areas in Communications Symposium
- Session Calendar is reported on the Newsletter.
- GC2011 Wrap-up meeting is held on Thu. 8 Dec., 12:00-15:00@Room 339 at the Hilton Americas Hotel.
- Statistics
 - Number of Submissions: 51
 - Number of Accepted Papers: 20;
 - Acceptance Rate:
 - Average of the Conference 35%
 - SSC Track 39%
 - Please look at the Newsletter for the organized sessions.

B. ICC2012 (June 10-15, 2012, @Ottawa, Canada)

- TC representative: Igor Bisio
- ICC2012 TPC meeting is held on Wed., 7 Dec., 9:00-12:00@Room 343 at the Hilton Americas Hotel
- Statistics
 - Number of Submissions: 53
 - Number of Tentatively Accepted Papers: 20;
 - Acceptance Rate:
 - Average of the Conference: to be defined;
 - SSC Track 37.7% (tentative percentage).
 - Sessions: 2 regular sessions and 2 poster sessions have been proposed. We are discussing to have 3 regular sessions and 1 poster session.

C. GLOBECOM2012 (Dec. 3-7, 2012, @Anaheim, California, USA)

- TC representative: Hiromitsu Wakana
- GC2012 TPC meeting is held on Thu., 8 Dec., 15:00-17:00@Room 340 at the Hilton Americas Hotel.

D. ICC2013 (June 9-13, 2013@Budapest, Hungary)

- TC representative: Hiromitsu Wakana

F. GLOBECOM 2013 (Atlanta, USA)

- TC representative: Igor Bisio

G. Other Conferences / Workshops

- The SSC related conferences are:

CONFERENCE	DATE & LOCATION	INFORMATION
IEEE Aerospace Conference 2012	Mar. 3-10, 2012 Big Sky, MT, USA	http://www.aeroconf.org
WCNC 2012 IEEE Wireless Communications & Networking Conference	April 1-4, 2012 Paris, France	http://www.ieee-wcnc.org/2012
CITS 2012 2012 International Conference on Computer, Information and Telecommunication Systems	May 13-16, 2012 Amman, Jordan	http://congreso.us.es/cits2012/
6th ASMS 6 th Advanced Satellite Multimedia Systems Conference & 12 th Signal Processing for Space Communications Workshop	Sept 5 - 7, 2012 Baiona, Spain	http://www.asms2012.org/
International Conference on Localization and GNSS	June 25-27, 2012, Starnberg, (Munich), Germany	http://www.icl-gnss.org/2012
SPECTS 2012 International Symposium on Performance Evaluation of Computer and Telecommunication Systems	July 8-11, 2012, Genoa, Italy	http://atc.udg.edu/SPECTS2012
18th Ka and Broadband Communications Conference 2012	Sept. 24-27, 2012, Ottawa, Canada	http://www.kaconf.org
ICSSC 2012 International Conference on Satellite and Space Communications	Sept. 26-28, 2012 Rome, Italy	http://www.waset.org/conferences/2012/rome/icssc/
ITST-2012 11 th International Conference on Telecommunications for Intelligent Transport Systems	Nov.5-8, 2012, Taipei, Taiwan	http://www.itst2012.org

About this point, Enzo Alberto Candreva highlights that the 6th ASMS conference is actually a joint conference with the 12th Signal Processing for Space Communications. More information can be found at <http://www.asms2012.org/>.

5. TC Journal / Magazine Activities

- **Special Issue of Proceedings of the IEEE “Aerospace Communications and Networking in the Next Two Decades: Current Trends and Future Perspectives”**

Publication: Vol.99, No. 11, November 2011, Proceedings of the IEEE

Guest Editors

Claudio Sacchi, Abbas Jamalipour, and Marina Ruggieri

Contents:

This issue highlights the current and future trends of aerospace communications and networking, including satellites, high-altitude platforms (HAPs), optical deep-space communications, interplanetary communications, aircraft communications, with a look at those classical services that still lead the mass market of aerospace applications and will do so into the future.

- **Special Issue of the IEICE Transactions on Communications, entitled “Special Section on Satellite Communication Technologies in Conjunction with Main Topics of JC-SAT2011”**

Publication: November, 2012

Guest Editors

Guest Editor-in-Chief: Nei Kato (Tohoku Univ.)

Guest Editor: Yoshihisa Takayama (NICT)

Guest Associate Editors: Eiji Okamoto, et al.

URL: <http://www.ieice.org/cs/>

Contents:

This special section aims at timely dissemination of research in these areas. Possible topics include, but are not limited to: Satellite communications (fixed-satellite communications, mobile satellite communications, inter-satellite communications, deep space communications), Satellite broadcasting (BS, mobile broadcasting), Satellite-ground integrated communications system, Satellite sensor network, Others on the elementary technologies, the system technologies, and the applications concerning the above topics.

- **Special Issue of the ICST Transactions on Ubiquitous Environments, entitled “Personal Satellite Services”**

Publication: January/February, 2012

Guest Editors

Guest Editors-in-Chief: Igor Bisio, Fun Hu

Contents:

This special issue is dedicated to the papers accepted to the conference PSATS’11, Malaga, Spain. The selected papers have been extended and submitted for a new review process. Finally 4 papers have been accepted.

The topics include: Satellite communications (fixed-satellite communications, mobile satellite communications, Satellite broadcasting (BS, mobile broadcasting), Satellite-ground integrated communications system, Satellite sensor network.

6. SSC Newsletter (Vice Chair, Igor Bisio)

- SSC Committee Meetings
- Globecom 2011 SSC Activities
- Message from the Chair
- Scanning the World
- Forthcoming GLOBECOM and ICC, and Cosponsoring/Related Conferences and Workshops
- Conference Calendar
- Perspective Article: D. E. Lucani, F. Vieira and M-J Montpetit, “Opportunities for Network Coding in Satellite Networks”
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SATELLITE AND SPACE COMMUNICATIONS
<http://www.comsoc.org/isc/>

IEEE COMMUNICATIONS SOCIETY

SSC Newsletter Vol. 21, No. 2, Dec. 2011

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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: Room 337 of the Hilton
 Date: Wed. Dec. 7th, 2011
 Time: 12:00 - 13:00

GC2011 SSC Committee Activities:

Symposium on Selected Areas in Communications:

- Thursday, 8 December 2011 • 8:00 – 10:00
 Location: ORB 342 C
 SAC11 Satellite Coding and Transmission Systems
 Chair: Enzo Alberti Casarella, University Of Bologna, Italy
- Thursday, 8 December 2011 • 13:30 – 15:30
 Location: ORB 342 C
 SAC13 Satellite and Space Communications Control
 Chair: Takuya Yamamoto, Nagoya University, Japan
- Thursday, 8 December 2011 • 16:00 – 18:00
 Location: ORB 342 C
 SAC14 Satellite and Space Networking
 Chair: Giovanni Castellani, University of Siena, Italy

Future SSC Meetings:

- June 2012, Ottawa, Canada
- Dec. 2012, Anaheim, CA, USA
- June 2013, Budapest, Hungary

GLOBECOM
 IEEE Global Communications Conference

7. Web Site, Membership Status, and Email List (Secretary, H. Wakana)

- Web site: <http://committees.comsoc.org/ssc/>
- Membership Status: 303 members (as of 8 November 2011)
- E-mail list
 - 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, H. Wakana: hwakana@nict.go.jp

8. Technical Activities Council (TAC) Report (Chair, Nei Kato/Vice Chair, Igor Bisio)

- Technical Activities Council (TAC) Meeting at GLOBECOM 2011 is held on Wed., 7 Dec., 2011 7:30-9:30 at Ballroom C / Level 4, the Hilton Americas Hotel.
- Technical Sub-Committee on “Vehicular Networks and Telematics Applications” (10 min, Russell Hsing)
- TAC Overview, Updates, and Misc. Issues (20 min, Mark Karol) Standards (10 min, Curtis Siller)
- Conference Issues, including “Conference Portfolio Analysis” (20 min, Heiner Stuttgen and Merrily Hartmann)
- Distinguished Lecturer Selection Committee (5 min, Mehmet Ulema) Green Communications Subcommittee proposal (10 min, Jinsong Wu)
- Other Business

9. 2011 Satellite Communications Distinguished Service Award

- The 2011 Award Selection sub-Committee consisted of the following members:
 - Nei Kato, SSC TC Chair
 - Igor Bisio, SSC TC Vice Chair
 - Abbas Jamalipour, Past SSC TC Chair
 - Mario Marchese, Past SSC TC Chair
 - Hiromitsu Wakana, SSC TC Secretary
- 2011 Satellite Communications Distinguished Service Award to **Prof. Takaya Yamazato**, in recognition of his valuable service to the Satellite and Space Communications scientific community

10. Any Other Business and Next Meeting (Officers Election)

- SSC TC Officers Selection and Nomination Committee in 2010 proposed an electronic election.
- The Members were: Prof. Desmond Taylor, Prof. Abbas Jamalipour, Prof. Mario Marchese, Prof. Iwao Sasase, Dr. Ron Smith, and Dr. Satchandi Verma
- For the next election we proposed:
 - SSC TC Officers Selection and Nomination Committee (proposal):
 - The last three chairs + current chair + the SSC TC Advisor
 - Past chairs:

- Prof. Takaya Yamazato,
- Prof. Mario Marchese,
- Prof. Abbas Jamalipour,
- Prof. Nei Kato
- SSC TC advisor:
 - Desmond P. Taylor
- Decision needed: election modality, candidatures, deadlines.
- Please do not hesitate to suggest candidatures.

About this point, the past chair Prof. Takaya Yamazato invite to find a clear way to develop the imminent election to avoid possible misunderstanding and involve the maximum number of members in the election process. It will be deeply discussed by the SSC TC Officers Selection and Nomination Committee. The Chair, Prof. Nei Kato, require the approval of the SSC TC Officers Selection and Nomination Committee proposed. All attendants agreed.

11. Time and Place of Next Meeting

- Next Meeting at ICC 2012, 10-15 June, Ottawa, Canada
- <http://www.ieee-icc.org/>

12. Adjourn

- The meeting adjourned at 13:00.

Attendance List

Name	Affiliation	Email Address
Enzo Alberto Candreva	University of Bologna	ea.candreva@unibo.it
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