

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

Minutes for Meeting at GC 2008, New Orleans, LA, USA

Monday 1st Dec. 2008, 10:00 - 12:00.

Room: Rosedown

1. Call to Order (Chair, Takaya Yamazato)

The meeting was called to order at 16:20. 20 people were in attendance at this time. Takaya introduced the committee and welcomed new members. The agenda of the meeting was presented and accepted.

2. Approval of Proposed Agenda (Chair, Takaya Yamazato)

The proposed agenda of the current meeting is as follows.

1. Introduction and welcome to new members – Chair
2. Approval of the proposed agenda
3. Approval of the Minutes of ICC2008 SSC TC meeting – Chair
4. Conference and Workshop reports:
 - A. GLOBECOM 2008 (New Orleans) – Mario Marchese
 - B. ICC 2009 (Dresden) – Mario Marchese and Takaya Yamazato
 - C. GLOBECOM 2009 (Honolulu) – Claudio Sacchi, Tarik Taleb
 - D. ICC 2010 (Capetown) – Mario Marchese
 - E. GC 2010 – Chair and Vice-Chair
 - F. Other conferences / workshops
5. TC Journal/Magazine/Conference activities – Chair
6. SSC Newsletter – Vice Chair
7. Web site, Membership status, Email list (subscription, unsubscription) – Secretary
8. Technical Activities Committee (TAC) Report – Chair
9. SSC Award 2008
10. Any Other Business
11. Time and Place of Next Meeting (ICC2009, Dresden) – Chair
12. Adjourn

The proposed agenda was presented and accepted without objection.

3. Acceptance of Minutes of the Last Meeting at ICC'08 - Beijing, China (Chair, Takaya Yamazato)

The minutes of the last meeting held at ICC'08 were presented and accepted without objection.

4. Conference and workshop reports (Chair, Takaya Yamazato):

A. Globecom 2008 (1-4 Dec. 2008, New Orleans, LA, USA)

- ◆ SSC is endorsing the SAC Symposium (Selected Areas of Communications).
- ◆ GC2008 Wrap-Up meeting is on Thursday, 4 Dec. 2008, Room Melrose.
- ◆ TC representative: Mario Marchese
- ◆ Concerning the Satellite and Space Communications Track, we have received 24 papers: 35 % is related to physical layer solutions, 52 % concerns networking, and 13% concerns radar.
- ◆ 12 accepted papers, 2 satellite session: Management and Control of Satellite Networks and Satellite Systems and Architectures

B. ICC 2009 (14-18 June 2009, Dresden, Germany)

- ◆ SSC is endorsing two Symposia: Wireless Communications Symposium, Wireless Networking Symposium
- ◆ ICC2009 TPC meeting is on Wednesday 3 Dec. 2008, 11:00-14:00, Marlborough A
- ◆ TC representatives: Takaya Yamazato (Wireless Communications) and Mario Marchese (Wireless Networking)
- ◆ ICC 2009 received 3,000+ paper submissions: Wireless Networking 13 submitted papers, Wireless Communication 5/711 submitted papers.

Comments concerning the low number of paper submissions in the field of Satellite and Space Communications:

Prof. Bousquet says that it is due to the large number of workshops in the field;

Dr. Sacchi agrees with Prof. Bousquet and, moreover, he affirms that in the past SSC papers was often rejected in ICC and GC and, as a consequence, the SSC community left those conferences;

Dr. Qian proposes to make more publicity concerning the SSC track in ICC and GC;
Prof. Marchese and Dr. Taleb affirm that the SSC Community needs to individuate a specific track among the ICC and GC symposia. The Satellite and Space Communications Track within the SAC symposium could be the “home” of the SSC papers.

Dr. Kato proposes to employ the SSC newsletter as way to send information concerning the SSC tracks.

C. Globecom 2009 (30 Nov. - 4 Dec. 2009, Honolulu, Hawaii, USA)

- ◆ SSC endorses the SAC Symposium (Selected Areas of Communications) and has one of its member co-chairing the Wireless Networking Symposium.
- ◆ GC2009 TPC meeting is on Dec 3 2008, 14:00-16:00, Rosedown
- ◆ TC representative: Claudio Sacchi (SAC) and Tarik Taleb (Wireless Networking)

D. ICC 2010 (23-27 May 2010, Capetown, South Africa)

- ◆ SSC is endorsing the SAC Symposium
- ◆ ICC2010 TPC meeting is on Tuesday 2 Dec 2008, 16:00-17:30, Newberry
- ◆ TC representative and SAC Symposium co-chair (leader of the satellite track): Tarik Taleb

E. GC 2010 (5-10 Dec. 2010, Miami, Florida, USA)

- ◆ TPC chair: Dr. Haohong WANG (Marvell Semiconductors)
- ◆ SSC is endorsing Other Selected Areas in Communications Symposia
- ◆ GC2010 TPC meeting is on Wednesday 3 Dec 2008, 10:00-11:00, Cambridge
- ◆ TC representative: Takaya Yamazato

F. Other Conferences / Workshops

- ◆ SSC has endorsed several conferences in the past six months:
 - SPECTS 2008: 2008 International Symposium on Performance Evaluation of Computer and Telecommunication Systems, June 16-18, 2008, Edinburgh, UK <http://atc.udg.edu/SPECTS2008/>
 - IWSSC 2008: 2008 International Workshop on Satellite and Space Communications (IWSSC 2008), From Wednesday, October 1st to Friday, October 3rd, 2008.
 - ISSSTA 2008: 10th International Symposium on Spread Spectrum Techniques and Applications, 25-28 August 2008, Hotel Savoia Regency - Bologna, Italy www.isssta2008.org
 - ICTTA 08: 3d International Conference on Information & Communication Technologies: from Theory to Applications - April 7 - 11, 2008, Umayyad Palace, Damascus, Syria <http://ictta.enst-bretagne.fr/>
 - IEEE Workshop on Exploitation of Higher Frequency Bands in Broadband Aerospace Communications (EHF-AEROCOMM), November 30, 2008. <http://wavemission.uniroma2.it/wave/workshop/index.htm>
 - International Workshop on Aerial & Space Platforms: Research, Applications.
- ◆ SSC is endorsing:
 - SPECTS 2009: 2009 International Symposium on Performance Evaluation of Computer and Telecommunication Systems, June 13-16, 2009, Istanbul, Turkey, <http://atc.udg.edu/SPECTS2009/> (will be endorsed).
 - IWSSC 2009: 2009 International Workshop on Satellite and Space Communications (IWSSC 2009), Sept 10-11, 2009, Siena, Italy, <http://iwssc09.dii.unisi.it/> (endorsed on Oct., 2008)
 - IWCMC 09 (will be endorsed)
 - CAMAD09
- ◆ Other interesting Conferences:
 - PIMRC09
 - International Conference on Personal Satellite Services - PSATS'09, 18-19 March, 2009, Rome Italy, www.psats.eu
 - ◆ Co-located with SAT Expo EUROPE, Rome, Italy 19-21 March, 2009, Rome Italy website: www.satexpo.it/en
 - ◆ Paper Submission: Full Papers or Extended Abstracts can be submitted at <http://www.psats.eu>
 - ◆ Important Dates: Paper Submission: 04 Jan 2009
Acceptance Notification: 01 Feb 2009
Camera Ready Due: 08 Feb 2009

5. TC Journal/Magazine/Conference activities (Chair, Takaya Yamazato)

- ◆ Issue to be heavily stimulated

- ◆ Comments and Ideas:
 - Prof. Marchese proposes a possible SSC Special Issue in the IEEE JSAC. The last one has been obtained four years ago. Prof. Taylor will be contacted to evaluate this possibility. He also proposes a possible Special Issue in the IJCS.
 - Dr. Sacchi proposes a possible Special Issue in the IEEE Proceedings. The process is very long. He will provide further details about this possibility.

6. SSC Newsletter (Vice Chair, Tarik Taleb)

- ◆ How to join SSC Committee and mailing list
- ◆ Message from the Chair
- ◆ Scanning the World (by Dr. Giovanni Giambene)
- ◆ Conference Calendar
- ◆ Perspective Articles:
 - Towards Supporting Multicast Multimedia Services over IMS-based Satellite Networks (by Toufik Ahmed, Ismail Djama, Abdelhamid Nafaa, Patrick Gélard, Christophe Donny, Moueza Jérôme);
 - Investigating operation of the Internet in orbit: Five years of collaboration around CLEO (by L. Wood, W. Ivancic, W. Eddy, D. Stewart, J. Northam, C. Jackson)

7. Web site, Membership status, Email list (subscription, unsubscription) (Secretary, Igor Bisio)

- ◆ Web site
 - Web site has been recently updated.
 - Currently some possible improvements are under investigation.
 - The web site will include a page where links of interest will be reported. The IEICE Satellite Communications Technical Committee web page and the WISE portal will be included soon.
 - Any other ideas? Suggestions?
- ◆ Membership status
 - About 210 Members
- ◆ Email list
 - A new mailing list server has been configured.
 - The new email address is ssc@scnl.dist.unige.it.
 - Instructions on how to subscribe/unsubscribe are available at <http://lists.scnl.dist.unige.it/listinfo/ssc>

8. Technical Activities Committee (TAC) Report (Chair, Takaya Yamazato)

- ◆ TAC Meeting to be held: Tuesday 2 Dec. 2008, 7:30-9:30, Marlborough AB
- ◆ Agenda
 - Welcome and Introduction (10 min, Andrzej Jajszczyk)
 - Conferences approval process (15 min, Merrily Hartmann)
 - Distinguished Lecturers selection process (5 min, Marcus Brunner)
 - Presentation from the ComSoc Wireless Communications Engineering Technology Certification program (10 min, Celia Desmond)
 - Standards (15 min, Alex Gelman)- Systems Council initiatives (10 min, William Semancik)
 - New TC on Integrated Fiber & Wireless Technologies (TCFiWi) (10 min, Chunming Qiao)
 - New TC Sub-Committee on Human-Centric Communication (HCCTC) (5 min, Heather Yu)
 - New TC Sub-Committee on Nano-scale Molecular & Quantum Networking (5 min, Andrzej on behalf of Stephen F. Bush)
 - Status of TC Sub-Committee on e-health (5 min, Tsong-Ho Wu)
 - Other Business- Adjourn

9. 2008 Satellite Communications Distinguished Service Award (Chair, Takaya Yamazato)

- ◆ In recognition of significant professional standing and contributions in the field of satellite communications technology, the Satellite and Space Communications Technical Committee is pleased to present the 2008 Distinguished Contributions to Satellite Communications Award to:
 - **Prof. Mario Marchese**

10. Time and Place of Next Meeting (Chair Takaya Yamazato)

- ◆ ICC 2009 - 14-18 June 2009, Dresden, Germany
- ◆ The list of all TC meetings is available at <http://www.comsoc.org/~ssc/about/sscmin.htm>
- ◆ Latest information, minutes of previous meetings, Newsletters, etc, are available at: <http://www.comsoc.org/~ssc>

11. Adjourn

Meeting adjourned at 12:00

Attendance List

Nr.	Name	Affiliation	Email Address
1	TAKAYA YAMAZATO	NAGOYA Univ.	yamazato@ieee.org
2	TARIK TALEB	TOHOKU Univ.	talebtarik@ieee.org
3	IGOR BISIO	GENOA Univ.	igor@dist.unige.it
4	MARIO MARCHESE	GENOA Univ.	mario.marchese@unige.it
5	TOMASO DE COLA	DLR	tomaso.decola@dlr.de
6	MICHEL BOUSQUET	TOULOUSE ISAE Univ.	michel.bousquet@isae.fr
7	Yi QIAN	National Institute of Standards and Technology	yqian@nist.gov
8	NIOVI PAVLIDOU	THESSALONIKI Univ.	niovi@auth.gr
9	STEFANO GIORDANO	PISA Univ.	s.giordano@iet.unipi.it
10	CLAUDIO SACCHI	TRENTO Univ.	sacchi@disi.unitn.it
11	KANDEEPAN SITHAMPARANATHAN	CREATE-NET, Trento, IT	kandeepan@ieee.org
12	PAOLO CHINI	CNIT	chini7@unisi.it
13	FLORIANO DE RANGO	CALABRIA Univ.	derange@deis.unical.it
14	IBRAHIM GRAREEB	JORDAN Univ. of Science and Technology	ghareeb@just.edu.jo
15	GIOVANNI GIAMBENE	SIENA Univ.	giambene@unisi.it
16	KEJIE LU	PUERTO RICO Univ.	lukejie@uprm.edu
17	GUY OMIDYAR	OMIDYAR Inst.	omidyar@erols.com
18	JOSEPH CHAVEZ	AIR FORCE Research Lab.	joseph.chavez@kirtland.af.mil
19	ROBERT ACREE	AIR FORCE Research Lab.	robert.acree@kirtland.af.mil
20	SHU KATO	TOHOKU Univ.	shukato@riec.tohoku.ac.jp