

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

Minutes for Meeting at ICC 2008, Beijing, China
May 21, 2008, Wednesday, 16:30 - 18:00
Conference Room 5 at Crown Plaza Hotel

1. Call to Order (Chair, Mario Marchese)

The meeting was called to order at 16:35. 42 people were in attendance at this time. Mario introduced the committee and welcomed new members. The agenda of the meeting was presented and accepted.

2. Approval of Proposed Agenda

The proposed agenda of the current meeting is as follows.

1. Introduction and welcome to new members – Mario Marchese
2. Approval of the proposed agenda
3. Approval of the Minutes of GC2007 SSC TC meeting – Mario Marchese
4. Conference and Workshop reports:
 - A. ICC 2008 (Beijing) – Mario Marchese
 - B. GLOBECOM 2008 (New Orleans) – Mario Marchese
 - C. ICC 2009 (Dresden) – Mario Marchese
 - D. GLOBECOM 2009 (Honolulu) – Mario Marchese, Claudio Sacchi, Tarik Taleb
 - E. ICC 2010 (Capetown) – Mario Marchese
 - F. Other conferences / workshops
5. TC Journal/Magazine/Conference activities – Mario Marchese
6. SSC Newsletter – Takaya Yamazato
7. Web site, Membership status, Email list (subscription, unsubscription) – Tarik Taleb
8. Technical Activities Committee (TAC) Report – Mario Marchese
9.
 - A. SSC Award 2008 Deadline – Mario Marchese
 - B. Other Awards
10. SSC TC Officers Election
11. Any Other Business
12.
 - A. Time and Place of Next Meeting (GC2008, New Orleans) – Mario Marchese
 - B. Group Photo
13. Adjourn

The proposed agenda was presented and accepted without objection.

3. Acceptance of Minutes of the Last Meeting at GC'07 (Washington DC, USA)

The minutes of the last meeting held at GC'07 were presented and accepted without objection.

4. Conference and workshop reports:

A. ICC 2008 (19-23 May, Beijing, China)

- ◆ SSC has endorsed the General Symposium.
 - ◆ TPC Chair: Ke Gong www.ieee-icc.org/2008/
- ◆ TC representative:
 - ◆ Mario Marchese
- ◆ GC, Satellite and Space Communications Track: 28 papers received (39.3 % about communications at physical layer, 50 % about networking, and 10.7 % about radars).
- ◆ Due to the very high quality of papers 17 out of 28, above 60%, were accepted

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

- ◆ SSC is endorsing the SAC Symposium (Selected Areas of Communications).
- ◆ GC2008 TPC meeting is on Wednesday 21 May, 14:00-15:30, Conference Room 5.
- ◆ 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.

C. 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 21 May, 13:00-16:00, Conference Room 1
- ◆ TC representatives:
 - ◆ Takaya Yamazato (Wireless Communications)
 - ◆ Mario Marchese (Wireless Networking)
- ◆ Looking for TPC Members

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

- ◆ SSC endorses the SAC Symposium (Selected Areas of Communications) and has one of its members co-chairing the Wireless Networking Symposium.
- ◆ GC2009 TPC meeting is on Wednesday 21 May, 10:30-11:30, Conference Room 1
 - ◆ TC representatives:
 - ◆ Claudio Sacchi (SAC)
 - ◆ Tarik Taleb (Wireless Networking)

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

- ◆ SSC is endorsing SAC
- ◆ ICC2009 TPC meeting is on Wednesday 21 May, 17:00-18:00, Conference Room 1
 - ◆ TC representative:
 - ◆ Ruhai Wang

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, Vision **Introduced by Fotini-Niovi Pavlidou** http://newton.ee.auth.gr/aerial_space/

5. TC Journal/Magazine/Conference activities since ICC2005 – Mario Marchese

- ◆ Organizing one special issue in the IEEE Wireless Communications Magazine on the topic of “Key Technologies and Applications of Present and Future Satellite Communications” guest editor-ed by Mario Marchese and Abbas Jamalipour, Published October 2005. The submission rate was overwhelming with an acceptance rate of around 15%
- ◆ Organizing one special issue in the IEEE Wireless Communications Magazine on the topic of “The Synergy of Space and Terrestrial Communications in Next-generation Hybrid Wireless Systems” guest editor-ed by Antonio Iera, Ki-Dong Lee, Antonella Molinaro, Apostolis K. Salkintzis, Published October 2005
- ◆ Organizing a Feature Topic issue on satellite communications to be published in December 2005 in the IEEE Wireless Communications Magazine
- ◆ Organizing one special issue in the Computers and Electrical Engineering Journal on “Recent Advances in Wireless Networks and Systems”, guest edited by Mario Marchese and Mohammed Obaidat
- ◆ Organizing IEEE Systems Journal, Special Issue on “Recent Advances in Global Navigation and Communication Satellite Systems (GNSS)”, guest edited by Mario Marchese and Mohammed Obaidat

6. SSC Newsletter – Takaya Yamazato

- How to join SSC Committee and mailing list
- Message from the Chair
- Scanning the World
- Conference Calendar

- Perspective Article: “Quantum Information and Quantum Physics in Space” by Rupert Ursin and Morio Toyoshima

7. Web site, Membership status, Email list (subscription, unsubscription) – Tarik Taleb

- Web site: Constant update of the website. Suggestions are welcome
- Membership status: 180 Members
- Need for membership development to cope with the lack of satellite-related submissions to IEEE major conferences such as ICC and GC.
- Mailing list: Instructions on how to subscribe/unsubscribe are available at <http://cassius.ee.usyd.edu.au/mailman/listinfo/ssc>

9. Technical Activities Committee (TAC) Report – Mario Marchese

- ◆ The TAC meeting was held on Wed. 21 May 2008 from 7.30-9.30am. Chair: Andrzej Jajszczyk
- ◆ Main discussions were:
 - IEEE launches Certification for the wireless Engineer (C. Desmond).
 - ◆ www.ieee-wcet.org.
 - ◆ Book in preparation.
 - ◆ Mail to Jean Niblett.
 - GITC TAC Update (H. Stuttgen – GITC Chair)
 - ◆ Workshop.
 - ◆ Tutorials.
 - ◆ Review Process.
 - ◆ Symposia.
 - Conference Operations
 - ◆ Marilyn Hartman.
 - ◆ Bridget Erlick for Update.
 - Standards (Alex Gelman)
 - ◆ Each TC needs to provide a liaison.
 - ◆ Sastri Kota from Harris Co. kindly accepted serving as the SSC standards liaison.
 - Other discussions:
 - ◆ New TC on Cognitive Networks
 - ◆ New Sub-TC on E-health.
 - ◆ IEEE Technical Activity Technologies Roadmap (Roberto De Marca).
 - ◆ TC Name Change: Communication Software -> Communication Software Engineering (Conflict with Modeling and Simulation)

9. A. 2008 Satellite Communications Distinguished Service Award – Mario Marchese

- ◆ Nomination Deadline: 15th August 2008.
- ◆ Details on the objectives and the procedure of this award are available at <http://www.comsoc.org/~ssc/award/award.htm>

B. Other awards – Mario Marchese

- ◆ IEEE Institution Kiyo Tomiyasu Award
- ◆ Sponsored by Dr. Kiyo Tomiyasu, IEEE Geoscience and Remote Sensing Society, and IEEE Microwave Theory and Techniques Society
- ◆ Nomination deadline: January 31st 2009.

10. SSC TC Officers Election

- ◆ Secretary: Dr. Igor Bisio
- ◆ Vice – Chair: Dr. T. Taleb
- ◆ Chair: Prof. T. Yamazato

11. Group Photo

12. Time and Place of Next Meeting (GC’08, New Orleans, LA, USA) – Mario Marchese

- ◆ The next SSC TC meeting will be during GC’08, New Orleans, LA, USA
- ◆ 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>

13. Adjourn

Meeting adjourned at 17:49

Attendance List

Name	Affiliation	Email Address
TAKAYA YAMAZATO	NAGOYA Univ.	yamazato@ieee.org
TARIK TALEB	Tohoku Univ.	talebtarik@ieee.org
TOMASO DE COLA	DLR	tomaso.decola@dlr.de
Xi ZHANG	Texas A&M Univ.	xizhang@ece.tamu.edu
IGOR BISIO	GENOA Univ.	igor@dist.unige.it
ROBERT PIECHOCKI	BRISTOL Univ.	r.j.piechocki@bristol.ac.uk
Henk Wgmeersch	MIT	hwgeers@mit.edu
Kejie Lu	UPRM	lukejie@uprm.edu
Jiankun Hu	RMIT	jiankun@cs.rmit.edu.au
Pu Wang	Memorial Univ.	pwang@engr.mun.ca
Jun Zheng	The Univ. of Ottawa	jzheng@ieee.org
Jalel Ben-othman	Versailles Univ.	jbo@prism.uvsq.fr
Farid Naït-Abdesselam	Lille Univ.	naf@ieee.org
MARIO MARCHESE	GENOA Univ.	mario.marchese@unige.it
MELLOUK Abdellhamid	Pariss XII Univ.	mellouk@univ-paris12.fr
FREDERIK SIMOENS	GHENT Univ.	fsimoens@telin.UGent.be
CLAUDIO PALESTINI	BOLOGNA Univ.	claudio.palestini@unibo.it
Nader Alagha	ESA	nader.alagha@esa.int
Hamid Aghvami	King's College London	hamid.aghvami@kcl.ac.uk
Michael FOURNIER	Ministry of Defense FRANCE	
HUNG NGUYEN	The Aerospace Corp	hung.h.nguyen@aero.org
C.K.TOH	HONG KONG Univ.	ckt@eee.hku.hk
Y.GHAORE DOUDANE	ENSIIE	ghamri@ensiie.fr
Emmanuel LOCHIN	TOULOUSE ISAE Univ.	emmanuel.lochin@isae.jk
RUHAI WANG	Lamar Univ.	wang@ee.lamar.edu
Abbas Jamalipour	Sydney Univ.	a.jamal.pour@ieee.org
Nizar BOUABDALLAH	INRIA	nbouabda@irisa.fr
TOMMASO PELORELLA	FIRENZE Univ.	tommaso.pecorella@cnit.it
Yi Qian	National Institute of Standards and Technology	yqian@nist.gov
Xinbing Wang	Shanghai Jiaotong Univ.	xwang8@sjtu.edu.cn
Niovi Pavlidou	Thessaloniki Univ.	niovi@auth.gr
HSIAOHWA CHEN	Nat'L Cheng Kung Univ.	hshwchen@ieee.org
SASTRI KOTA	Harris Corp.	skota@harris.com
HAMID NAFAA	College DUBLIN Univ.	nafaa@ieee.org

YANG XIAO	Alabama Univ.	yangxiao@ieee.org
kui Wu	Victoria Univ.	wkui@ieee.org
Jun Cai	MANITOVA Univ.	jcai@ee.umanitoba.ca
SERGIO PALAZZO	Catania Univ.	jcai@ee.umanitoba.ca
Jie Li	Tsukuba Univ.	lijie@cs.tsukuba.ac.jp
Iwao Sasase	Keio Univ.	sasase@ics.keio.ac.jp
ROMANO FANTACCI	Florence Univ.	romano.fantacci@unifi.it
Stefano Giordano	Pisa Univ.	s.giordano@iet.unipi.it