

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

Minutes for Meeting at Meeting at Globecom 2006, San Francisco, CA, USA

Tuesday 28 November 2006 Time: 17:00 - 18:30

Venue: Room Florentine/Garden, Hotel Mark Hopkins

1. Call to Order (Chair, Mario Marchese)

The meeting was called to order at 17.00. 20 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 ICC2006 SSC TC meeting – Mario Marchese
4. Conference and Workshop reports:
 - A. GLOBECOM2006 (San Francisco) – Mario Marchese
 - B. ICC 2007 (Glasgow) – Abbas Jamalipour
 - C. GLOBECOM2007 (Washington DC) – Mario Marchese
 - D. ICC 2008 (Beijing) – Mario Marchese
 - E. GLOBECOM 2008 (New Orleans) – Mario Marchese
 - F. Other conferences / workshops
5. TC Journal/Magazine/Conference activities since ICC2005 – Mario Marchese
6. Recertification process - Mario Marchese
7. SSC Newsletter – Takaya Yamazato
8. Web site, Membership status, Email list (subscription, unsubscription) – Tarik Taleb
9. Technical Activities Committee (TAC) Report – Mario Marchese
10. SSC Award 2006 Announcement – Mario Marchese
11. Any Other Business
12. Time and Place of Next Meeting (ICC2007, Glasgow, Scotland) – Mario Marchese
13. Adjourn

The proposed agenda was presented and accepted without objection.

3. Acceptance of Minutes of the Last Meeting at ICC'06 (Istanbul, Turkey)

The minutes of the last meeting held at ICC'06 were presented and accepted without objection.

4. Conference and workshop reports:

A. GLOBECOM2006 (San Francisco) – Mario Marchese

◆ Symposium on Satellite and Space Communications

SSC TC sponsored the Symposium on Satellite and Space Communications for IEEE GLOBECOM 2006.

Abbas Jamalipour, Mario Marchese and Michael Hadjithedosiou are the co-chairs for this symposium and TC members are actively involved in the TPC and review process of submitted papers. Acceptance ratio is 40% of the reviewed papers.

◆ TECHNICAL SYMPOSIA

SAT-01: Performance Evaluation of Satellite Communication Systems, Wednesday, 29 Nov., 14:00–15:45.

SAT-02: Physical Layer Solutions for Satellite Communications, Wednesday, 29 Nov., 16:15–18:00.

SAT-03: Resource Optimization in Satellite Systems, Thursday, 30 Nov., 10:00–11:45.

SAT-04: Routing and Mobile Networking in Satellite Networks, Thursday, 30 Nov., 14:00–15:45.

SAT-05: Solutions for Next Generation Satellite Networks, Thursday, 30 Nov., 16:15–18:00

B. ICC 2007 (Glasgow) – Abbas Jamalipour

◆ SSC TC will be a co-sponsor of the Symposium on Communications QoS, Reliability and Performance Modeling, during ICC2007

◆ The ICC2007 TPC meeting was on Wednesday 9.15-12 am 29 Nov. in Room Stanford, Mark Hopkins

- ◆ **General Chair:** Arun Sarin, Vodaphone Group plc
- ◆ **Executive Chair:** Tariq Durrani, University of Strathclyde
- ◆ **Technical Program:** Ivan Andonovic, University of Strathclyde and John Thompson, University of Edinburgh
- ◆ General Conference and 10 Symposia
 - **Communications QoS, Reliability and Performance Modelling**
 - Communication Theory
 - Computer and Communications Network Security
 - Multimedia Communications and Home Services
 - Network Operation and Services
 - Optical Networks and Systems
 - Signal Processing and Coding for Data Storage
 - Signal Processing for Communications
 - Wireless Ad hoc and Sensor Networks
 - Wireless Communications
- ◆ **Notification of Acceptance 10 January 2007**
- ◆ **Camera-Ready Manuscripts due 28 February 2007**

C. GLOBECOM2007 (Washington DC) – Mario Marchese

- ◆ SSC is endorsing Wireless Networking Symposium.
- ◆ The Globecom 2007 TPC meeting was on Wednesday 2.30-4.00 pm 29 Nov. in Room of the Dons, Mark Hopkins
- ◆ TPC Chair: Xuemin Shen
- ◆ The Globecom2007 is now looking for any comment on organizing the conference and the review process. (Please send your feedback to Mario Marchese)
- ◆ TC representative:
 - Abbas Jamalipour
 - Mario Marchese

D. ICC 2008 (Beijing) – Mario Marchese

- ◆ SSC is endorsing the General Symposium.
- ◆ The ICC2008 TPC meeting was on Wednesday 4.00-5.00 pm 29 Nov. in Room of the Dons, Mark Hopkins
- ◆ TPC Chair: Ke Gong
- ◆ The ICC2008 is now looking for any comment on organizing the conference and the review process.
 - Please send your feedback to Mario Marchese
- ◆ TC representative:
 - Abbas Jamalipour
 - Mario Marchese

E. GLOBECOM 2008 (New Orleans) – Mario Marchese

- ◆ SSC is considering a proposal.
- ◆ No Globecom08 TPC meeting at Globecom06
- ◆ The Globecom08 is now looking for any comment on organizing the conference and the review process.
- ◆ Please send your feedback to Mario Marchese
- ◆ TC representative?

F. Other conferences / workshops

- ◆ SSC TC members are active in IEEE WCNC & PIMRC.
- ◆ The following guideline has been set by the ComSoc TAC for endorsement of an event by a TC:
 - a) The Event has a TPC that conducts independent, peer review for paper selection.
 - b) The Event is in a technical area related to the endorsing TC's interests.
 - c) At least one TC member must be on the Event's TPC and actively involved in the development of its program.

- d) The Event's designated TC representative agrees to report to the TC about the Event.
- e) The TC's Event representative assumes significant responsibility for the overall quality of the Event's technical program.
- ◆ SSC has endorsed several conferences in the past six months:
 - 3rd Advanced Satellite Mobile Systems Conference (ASMS 2006), 29-31 May 2006, Herrsching, Germany
 - 11th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD'06), June 8-9, 2006, Trento, Italy
 - AIAA International Communication Satellite Systems Conference (ICSSC), 11-15 June 2006 (deadline for papers 23 December 2005)
 - 7th International Symposium on Computer Networks (ISCN 2006), 15-16 June 2006, Istanbul, Turkey
 - 2006 Tyrrhenian International Workshop on Digital Communications (TIWDC'06), Satellite Navigation and Communications Systems, September 6-8, 2006, Island of Ponza, Italy
 - Second International Workshop on Satellite and Space Communications (IWSSC 2006), 14-15 September 2006, Leganes-Madrid, Spain
- ◆ SSC has recently endorsed some conferences to be held next year:
 - 12th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD'07), Athens, Greece, September 2007
 - The workshop provides a forum for discussion of recent developments on analytical and simulation tools and techniques for the performance evaluation of communications systems.
 - Workshop General Chair and General co-Chair: Charalabos "Harry" Skianis, NCSR "Demokritos", Greece
 - Workshop TPC Chair and co-Chairs: Helen Karatza, Aristotle University of Thessaloniki, Greece.
 - The paper submission deadline of full papers is June 15, 2007. (Published papers will be available at IEEEExplore)
 - Third International Workshop on Satellite and Space Communications (IWSSC 2007), Salzburg, Austria
 - This workshop aims at providing a good opportunity to researchers in the field and industries to meet to discuss recent advances.
 - Workshop General Chair and General co-Chair: Giovanni Giambene, University of Siena, Italy Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore
 - Workshop TPC Chair and co-Chairs: William W. Wu, Advanced Technology Mechanization, USA. Laurent Franck, ENST, France. Hajime Nakamura, KDDI R&D Labs., Japan
 - Local organizer: Bernhard Collini-Nocker, University of Salzburg, Austria
 - We have obtained the IEEE ComSoc technical sponsorship.
 - The paper submission will be managed through EDAS. The deadline for the submission of extended abstracts or full papers is April 1, 2007.
 - Published papers will appear on IEEEExplore.

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

6. Recertification process Mario Marchese

- ◆ The main activity of the TC has concerned the dissemination of the results produced by the Satellite and Space Communication community. Many conferences have been sponsored and co-sponsored.
- ◆ We have our own TC Newsletter published twice per year, distributed at ICC and Globecom, e-mailed to TC members and posted permanently on SSC TC website. It includes a Perspective Article, which reports a contribution of one or more SSC Members concerning topics of interest for the community.
- ◆ Our Members are involved as Editors of international journals and magazines and several Special Issues have been organized.
- ◆ TC promotes the Satellite Communications Distinguished Service Award. This award aims to promote research and development activities in the area of satellite communications within the industry and academia research community.
- ◆ Major achievements of the TC consist in its recent intensive activities in ICC/GC and the great scientific push given by the TC concerning publications about satellite communications.
- ◆ As a result of this hard work, the TC could secure a symposium exclusively devoted for research works in the area of satellite and space communications at upcoming Globecom’06.

7. SSC Newsletter – Takaya Yamazato

- ◆ SSC Newsletter
 - How to join SSC Committee and mailing list
 - Message from the Chair
 - Scanning the World
 - Conference Calendar
 - Perspective Article
 - ◆ “Towards the Revision of DVB-S2/RCS Standard for the Full Support of Mobility”
 - ◆ Authors: S. Scalise, G.E. Corazza and C. Párraga Niebla P. Chan, G. Giambene, F. Hu, A. Vanelli-Coralli and M.A. Vázquez-Castro

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

- ◆ Web site
 - Web site has been recently updated
 - Please send your feedback to Tarik Taleb (talebtarik@ieee.org)
- ◆ Membership status
 - 180 Members
- ◆ Email 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 Tuesday, 28 Nov. 2006 from 9.30-11.30am. Chair: S. Benedetto
- ◆ Main discussions were:
 - New Cluster Chairs
 - Stefano Galli (Communications and Signal Processing Cluster)
 - Bulent Yener (Networking Cluster)
 - TAC budget
 - GEOSS Initiative (Paul Gartz)
 - Global Earth Observation SoS (System of Systems)
 - Goal: comprehensive, coordinated, sustained Earth Observation
 - Disasters, Water, Agriculture, ...

10. SSC Award 2006 Announcement – Mario Marchese

- ◆ Mario described the aims of the award (available at the website of the TC)
- ◆ In recognition to his significant professional standing and contributions to the field of satellite communications technology, Mario, as the chair of the Satellite and Space Communications Technical

Committee, presented the “2006 Distinguished Contributions to Satellite Communications Award” to Prof. Abbas Jamalipour from University of Sydney, Australia.

- ◆ The TC officers selected Abbas for the award given his following achievements and contributions:
 - Abbas Jamalipour is responsible for teaching and research in wireless data communication networks, wireless IP networks, next generation mobile networks, network security, and satellite systems
 - He is a Senior Member of the IEEE, a Fellow Member of IEAust, and a Distinguished Lecturer of the IEEE Communications Society.
 - He is the author for the first technical book on networking aspects of wireless IP, *The Wireless Mobile Internet Architectures, Protocols and Services*, John Wiley & Sons 2003
 - He has authored the first book on LEO satellite communication networks with Artech House in 1998, *Low Earth Orbital Satellites for Personal Communication Networks*.
 - He has coauthored four other technical books on wireless telecommunications and authored over 180 papers in scholarly journals and international conferences, and given more than 50 short courses and tutorials in major international conferences.
 - He is the Editor-in-Chief *IEEE Wireless Communications*, a technical editor of the *IEEE Communications*, the *Wiley International Journal of Communication Systems*, *Journal of Communications and Networks (JCN)*, the *International Journal of Sensor Networks*, and the *International Journal of Business Data Communications and Networking*.
 - He was the Chair of the Satellite and Space Communications Technical Committee 2004-2006, and is the Vice Chair of the Communication Switching and Routing Technical Committee, and Chair of the Asia Pacific Board, Chapters Coordination Committee, all of the IEEE Communications Society.
 - He has organized the first series of special issues on 4G and Beyond 3G mobile cellular networks and several other special issues on topics related to wireless communications and broadband convergence networks in IEEE publications and other journals.
 - Professor Jamalipour was the Symposium Program Chair for IEEE GLOBECOM2001 and IEEE Vehicular Technology Conference-Fall 2003, Technical Program Chair for the 2004 International Symposium on Performance Evaluation of Computer and Telecommunication Systems - SPECTS2004, Technical Program Vice Chair of IEEE Wireless Communications and Networking Conference - WCNC2004, WCNC2005, WCNC2006, Co-Chair of Symposium on Next Generation Networks for Universal Services, IEEE International Conference on Communications - ICC2005, Technical Program Vice-Chair IEEE High Performance Switching and Routing Workshop – HPSR 2005, Chair of the Wireless Communications Symposium, IEEE GLOBECOM2005, and Co-Chair of Symposium on Next Generation Mobile Networks, IEEE International Conference on Communications - ICC2006.
 - He is currently serving as the Technical Program Co-Chair of Symposium on Satellite and Space Communications, IEEE GLOBECOM2006, and Co-Chair of Communications QoS, Reliability and Performance Modeling Symposium, IEEE ICC2007.

11. Any Other Business

TBW

12. Time and Place of Next Meeting (ICC2007, Glasgow, Scotland) – Mario Marchese

- ◆ The next SSC TC meeting will be during ICC07, Glasgow, Scotland
- ◆ You can find the list of all TC meeting at:
<http://www.comsoc.org/~ssc/about/sscmin.htm>
- ◆ Please check the latest information, minutes of meetings, Newsletter, etc, at:
<http://www.comsoc.org/~ssc/index.html>

13. Adjourn

Meeting adjourned at 18:35 pm.

Attendance List

Name	Affiliation	Email Address
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