

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

Minutes for Meeting at Meeting at ICC 2006, Istanbul, Turkey
Tuesday 13 June 2006, 12:00 pm - 2:00 pm, Room Sultan 1 (ICEC)

1. Call to Order (Chair, Abbas Jamalipour)

The meeting was called to order at 12.40 PM. 27 people were in attendance at this time. Abbas introduced the Committee and welcomed new members. The agenda of the meeting was presented and accepted.

2. Approval Proposed Agenda

The proposed agenda of the current meeting has been presented and accepted without objection.

3. Acceptance of Minutes of the Last Meeting at Globecom05 (St. Louis, MO, USA)

The minutes of the last meeting held at GLOBECOM05 were presented and accepted without objection.

4. Journals:

Special Editions of IEEE and non-IEEE journals with themes related to Satcom was discussed.

- Publication of a Feature Topic issue on satellite communications in December 2005 in the IEEE Wireless Communications Magazine (4 papers)
- Organizing one special issue in the Computers and Electrical Engineering Journal on “Recent Advances in Wireless Networks and Systems”, guest editors Mario Marchese and Mohammed Obaidat

Note: Updated Information on CFPs for related Conferences and Journal scan be found on the SSC website.

5. Technical Program Committee (TPC) and Workshop reports:

ICC 2006 (11-15 June 2006, Istanbul, Turkey) - Abbas

- Symposium on Next Generation Mobile Networks
- SSC TC sponsored the Symposium on Next Generation Mobile Networks for IEEE ICC2006. Abbas Jamalipour is one of co-chairs for this symposium and TC members are actively involved in the TPC and review process of submitted papers.
- Acceptance ratio was 32.8%
- NGMN Symposium has 66 papers in 11 Regular sessions and 1 Poster session
- One explicit session on satellite is included with several more papers in other sessions.
- There are some papers related to satellite communications in other symposia too.

Globecom 2006 (27 Nov. - 1 Dec. 2006, San Francisco, CA) - Mario

- There will be a symposium proposed by SSC TC
- Title: Symposium on Satellite & Space Communications
- Symposium Co-Chairs: Mario Marchese, Abbas Jamalipour , Michael Hadjitheodosiou
- Received 75 submissions
- The review process is finished (thanks to 81 TPC members)
- Acceptance rate will be around 39%
- Of the accepted papers 85% for oral and 15% for poster presentation
- Review process and outcomes
- Average rate about 3.1
- Average variance about 0.9
- Industry 16%, Research Centers 14%, University 70%

ICC 2007 (24-28 June 2007, Glasgow, UK) - Abbas

- 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 Monday 2-4pm 12 June
- 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
- Submission of Paper Manuscripts and Proposals: 15 September 2006

Globecom 2007 (26-30 Nov. 2007, Washington, DC, USA) - Abbas

- SSC is considering a proposal.
- TPC meeting: Tuesday 13 June, 2-4pm, Fatih 1, Hilton
 - o This is the first TPC meeting of Globecom2007
- TPC Chair: Tom Stanley Chief Engineer Wireless Telecommunications Bureau Federal Communications Commission
- The Globecom2007 is now looking for any comment on organizing the conference and the review process.
 - o Please send your feedback to Abbas Jamalipour

ICC 2008 (19-23 May, Beijing, China) - Abbas

- SSC should consider a proposal.
- Kickoff meeting of ICC2008 Technical Program Committee, 16:00-17:30 on Tue June 13, in Room Saturn of Hilton Istanbul hotel
- TPC Chair: Ke Gong, Tsinghua University
- The ICC 2008 is now looking for any comment on organizing the conference and symposia structure.
 - o Please send your feedback to Abbas Jamalipour
- Already a proposed CFP is prepared.

Other Conferences / Workshops

- SSC TC members are active in IEEE WCNC & PIMRC
 - o PIMRC'06: 956 submitted, 565 accepted (416 for oral presentation and 149 for poster presentation); acceptance rate: 59%

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.

Other Conferences / Workshops - Abbas

SSC has endorsed several conferences in the past six months:

- 2nd International Conference in Information & Communication Technologies : from Theory to Applications (ICTTA 2006), April 24-28, 2006, Damascus, Syria
- 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.

6. SSC Newsletter, Web, Email list, and membership status (Mario):

- SSC Newsletter
 - o How to join SSC Committee and mailing list
 - o Message from the Chair
 - o Scanning the World
 - o Conference Calendar
 - o Perspective Article:
 - Data Transport Protocols for Space Internet
 - Author: Dr Ruhai Wang
 - Aim: to keep the community updated about the research progress on data transport technologies of the space Internet
- Web site
 - o Web site has been updated.

7. Technical Activities Committee (TAC) Report (Abbas)

The TAC meeting was held on Tuesday, 13 June 2006 from 7:30am - 9:00am. Chair: Sergio Benedetto, VP Technical Activities. Main discussions were:

Reports about the standard activities by Alex Gelman on the process of new standards and more involvements of the ComSoc for IEEE standards. He has also reported the new standard series on RFID P1902.

TAC chair Sergio Benedetto has reported the new collaboration between IEEE and GEOSS (Global Earth Observation System of Systems) and asked TCs who want to be more involved in this contact him.

The Emerging Technologies sub-committee chair, Len Cimini reported that last year three sub-committees were elevated to full TCs. Currently there are several other sub-committees in their two-year exercise term including Consumer Networking, Communication Design and Development, Applications of Nano-Technologies in Communications, Autonomic Communications, and Integrated Fiber and Wireless Technologies. If they show to be successful and viable they will be elevated to TC after two years. There are also some other proposals including Peer-to-Peer, Situation Management, and Telematics. TAC chair has explained the new process for TC recertification due this year.

He has distributed a draft of questionnaire that has been prepared for this purpose and the final version will be sent to TC chairs soon for their action.

Recertification process happens every three years and it is necessary for continuation of TC.

8. Distinguished Contributions to Satellite Communications Award (Abbas)

- Purpose: This award aims to promote research and development activities in the area of satellite communications within the industry and academia research community. The award is established as part of the Satellite and Space Communications Technical Committee activities in involvement in the new and revolutionary developments taking place in the field. The SSC TC is governed by the constitution and bylaws of the IEEE and the IEEE Communications Society. The award also aims to motivate the increase in number of research and publications in the field as well as number of researchers in this field and the TC membership.
- Frequency: One award will be given in each calendar year. If no suitable candidate is proposed in a given year, the award will not be presented for that year. The award will be announced and given during IEEE GLOBECOM conference.

- Nomination/Application: All application must be sent to the SSC TC Secretary by the closing date of July 15th of the year of prize.
- More information available on the SSC web page: <http://www.comsoc.org/socstr/org/operation/techcom/ssc/index.html>

9. SSC Officers Election

- Three officers must be elected: Chair, Vice Chair, Secretary
- List of candidates for the three office positions:
- Chair
 - o Mario Marchese (current Vice Chair)
- Vice Chair
 - o Michael Hadjitheodosiou (current Secretary)
 - o Takaya Yamazato, Nagoya University, Japan
- Secretary
 - o Ruhai Wang, Lamar University, USA
 - o Tarik Taleb, Tohoku University, Japan

Results:

- Chair
 - o Mario Marchese 27 preferences (elected)
- Vice Chair
 - o Michael Hadjitheodosiou 8 preferences
 - o Takaya Yamazato 11 preferences (elected)
- Secretary
 - o Ruhai Wang 8 preferences
 - o Tarik Taleb 10 preferences (elected)

10. Any Other Business

TBW

11. Time and Place of Next Meeting

- The next SSC TC meeting will be during GLOBECOM2006, San Francisco, USA
- Tentative Date/Time: Wednesday 29 November 2006 , 12:30-2:00pm
- You can find the list of all TC meeting at: http://www.comsoc.org/committee_meetings/

12. Adjourn

Meeting adjourned at 14.20 pm.

List of attendees

NAME	AFFILIATION
Abbas Jamalipour	University of Sydney
Des Taylor	University of Canterbury
Peter Yum	Chinese University of Hong Kong
Kanen Lee	Chinese University of Hong Kong
Marcelo S. Alengr	Federal University of Campina Grande
Antonella Molinaro	University of Reggio Calabria
Antonio Iera	University of Reggio Calabria
Pascal Loranz	University of Hautè Alsace
Nonreddine Kettaf	University of Hautè Alsace
Luis Fàbrega	University of Girona
Hiroshi Tsunoda	Tohoku University
Hiroshi Nishiyama	Tohoku University
Yoshiaki Nemoto	Tohoku University
Tarik Taleb	Tohoku University
Nei Kato	Tohoku University
Hsiaohwa Chen	National Sun Yat-Sen University
Yi Qian	University of Puerto Rico
Huaping Liu	Oregon State University
Hung Nguyen	The Aerospace Corp.
Francesco Chiti	University of Florence
Leonardo Maccari	University of Florence
Daniele Tarchi	University of Florence
Alexander Markhasin	Siberian Telecommunication University
Mario Marchese	University of Genoa
Igor Bisio	University of Genoa
Istvan Frigyes	University of Budapest
Takaya Yamazato	Nagoya University