Minutes (not yet approved)

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

Meeting at Globecom 2003, San Francisco
Wednesday 3 December 2003, 12:00 PM - 1:45 PM
San Francisco Marriott, 5th Floor, Room Sierra B.

1. Call to Order (Chair, Ron Smith)
The meeting was called to order at 12.20 PM. 22 people were in attendance at this time. Ron introduces the Committee and welcomes new members. The agenda of the meeting was presented and accepted.

2. Acceptance of Minutes of the Last Meeting at ICC03 (Anchorage) – (Chair, Ron Smith)
The minutes of the last meeting held at ICC03 (Anchorage) were presented and accepted.

3. Conference Reports

(A) GLOBECOM 2003 (San Francisco): Sastri Kota, Mario Marchese, Abbas Jamalipour
Abbas summarizes the activity of the GLOBECOM 2003 SSC Committee Activities concerning Workshops, Tutorials and Technical Sessions whose detail is contained in the SSC Newsletter. Mario observes that a very small number of papers included in the final program concern satellites. Discussions follow about possible motivations (e.g. reviewing process managed by people not specifically expert about satellites) and actions to take for the future.

(B) ICC 2004 (Paris): Michael Hadjitheodosiou, Mario Marchese and Marina Ruggeri
Michael reports that 3000 papers were received and 18 parallel sessions are contained in the preliminary program. Only 864 papers were accepted, corresponding to less than 30% of the received papers.
Concerning the two symposia of main interest for this Committee: Wireless Communications Symposium (Co-Chairs: Marco Chiani, University of Bologna and Mohsen Guizani, University of West Florida) and Wireless Networking Symposium (Chair: Ibrahim Habib, City University of New York, Vice-Chairs: Franco Vatalaro, University of Rome Tor Vergata and Romano Fantacci, University of Florence), Michael reports that, respectively, 471 and 515 papers were received.

(C) Globecom 2004 (Dallas): Boon Sain Yeo and Michel Bousquet
Boon reports that
- The technical sessions of Globecom '04 will be presented in seven Symposia:
  – Global Internet and Next Generation Networks
  – Wireless Communications, Networks and Systems
  – Communication Theory
  – Security and Network Management
  – Optical Communications, Networks, and Systems
  – Signal Processing for Communications
  – General Symposium
- Organizers are looking for technical submission, tutorials and workshops; contributions from industry are recommended.

Abbas communicates that no deadline extension will be allowed and recommends to match the deadline to have the papers considered. Discussion follows: the general indication is that there are fewer and fewer sessions about satellites. Abbas suggests including satellites at least in the topics of the Wireless Communications, Networks and Systems Symposium.

(D) ICC 2005 (Seoul): Abbas Jamalipour
Abbas reports that at least three symposia may be of interest for SSC people:
– Symposium on Next Generation Networks
– Symposium on Wireless Communication (concerning physical and data link layers)
– General Conference (where SSC members will be part of the TPC)
The aim is that at least two or three sessions will concern satellites.
Proposals about workshops and tutorials are welcome. Information about deadlines is on the web site.

(E) ICSSC 2004 (Monterey) / ICSSC 2005 (Italy) - Ron Smith
Ron says that ICSSC 2004 will contain six parallel sessions dedicated to satellites and that ICSSC 2005 will be organized together with the "Ka and Broadband Communications Conference" in Italy, probably in Rome, September 2005.

(F) Other conferences
– <u>Globecom 2005 (St. Louis)</u>: Abbas asks for volunteers to be Representatives of the Committee. The following members communicate their availability: Michael Hadjitheodosiou, Giovanni Giambene, Boon Yeo and William Wu.
– <u>SPECTS'04</u>: Abbas says that SPECTS04, the International Symposium on Performance Evaluation of Computer and Telecommunication Systems will be held July 25-29, 2004, San Jose, California at the San Jose Hyatt. Information is contained by the web site: http://www.scs.org/confernc/ssimc/ssimc04/cfp/spects04.htm. SSC TC is well represented: Vice General Chair: Franco Davoli; Program Chair: Abbas Jamalipour; Vice Program Chair and Special Sessions Chair: Jose Luis Marzo; Vice Program Chair and Tutorial Chair: Mario Marchese. Abbas and Mario recommend submissions both concerning technical papers and tutorials concerning satellites from SSC TC members.
– <u>9th Ka and Broadband Communications Conference</u>: Mario says that it will be held in Genoa, Italy, in October 2004 and recommends submissions from SSC TC members.

4. SSC Award Presentation: Vice-Chair, Abbas Jamalipour (Awards Subcommittee Chair)
Abbas summarizes the eligibility criterion: an individual researcher or a team of researchers, who has met the following criteria, may be nominated or may apply for receiving the award:
– Must be an IEEE Communications Society Member at the time of application.
– Must have research related to the field of satellite and space communication, including research involving any layer of the network stack.
– Must have a good track of record in research in the field of telecommunications but not necessarily in the satellite field.
– Must have significant contribution in the field in the form of one or both of the followings: publication of one book, or one book chapter, or one journal paper, or one international conference paper, or a significant patent received in the field of the satellite communications during the year immediately prior to the award year. The journal paper and the international conference paper must be peer reviewed based on full paper submission. The publications are not required to be within the IEEE journals and conferences but must be published in high-level publications, as defined by the award selection committee.
– Must be ready to attend the GLOBECOM conference in the year of award. In case the selected person for the award cannot attend the conference, a representative must be nominated to receive the award at least four weeks before the conference date or the award will be given to the second person who has been selected by the award committee as the reserved.
Abbas communicates that no nomination has been received this year and that the award has not been assigned.
The deadline for 2004 SSC Award Nominations is 1st October, 2004.

5. SSC Newsletter, Web, Email list, and membership status: Secretary, Mario Marchese
Mario encourages paper submission and contribution to the SSC Newsletter, which has a large distribution and accepts a selected and reviewed scientific contribution each edition. Mario asks the members to signal any change concerning personal information (address, phone, e-mail,…) and reports about SSC Newsletter, web site and Membership status:

<u>SSC Newsletter</u>
SSC Newsletter (vol. 13, n. 2) is electronically available on the SSC website and it has been distributed in hardcopy during this conference. It has the following content:
– SSC Committee Meetings
– GLOBECOM 2003 SSC Activities
– Officers
– Message from the Chair
– Scanning the World
– Forthcoming ICC and GLOBECOM
– Cosponsoring/Related Conferences and Workshops
– Conference Calendar
– Perspective Article
Due to the quality of the papers received, two articles have been exceptionally selected for the "perspective paper section": "Validation of IP real-time multimedia over geostationary satellite" by B. Carro, A. Sánchez, J. Aguiar and "The missing protocol layer" by Erling Kristiansen.

SSC Newsletter has a relevant diffusion and it is free on the Internet. Significant contributions are encouraged for vol. 14, n. 1, edited in June 2003. The preliminary deadline for submissions is fixed for 16 May 2003.

Web
The web is currently updated. Proposal for improvements are encouraged.

Membership status
There are currently almost 150 members in our technical committee. Membership list is currently updated.

6. New and Old Business (Chair, Ron Smith)
(1) SSC Long Term Planning and Budget
Ron reports that ComSoc provides a budget for each committee. It is necessary to apply and justify the expenses to get it. The Award is an example of possible expense.
(2) Strengthening Ties with other Committees
Ron summarizes the liaisons with other committees also reported in the web site:
– IEEE ComSoc Fellow Evaluation Committee: Desmond Taylor
– IEEE Communications Magazine Editorial Board: Abbas Jamalipour
– IEEE Electronic Magazine, Regional Editor for radio and satellite communications: Walter Ciesluk
– IEEE Journal on Selected Areas in Communications (JSAC): Desmond Taylor
– International Journal on Satellite Communication: Michel Bousquet
– IEEE ComSoc Technical Committees:
– AIAA Technical Committee on Communications Systems(TCCS): Ron Smith
(3) ComSoc Technical Activities Committee (TAC) report
The following items were discussed at the TAC meeting on 3 Dec. 2003:
– IEEE Press requests help in identifying potential manuscripts and with reviews.
– Tutorials Now at www.comsoc.org/tutorialsnow/ is a new on line product providing tutorials either from previous conferences or newly created. The format is voice over PowerPoint. The cost is about $200 per course. The TCs can help by developing tutorials or identifying topics and presenters, reviews, and also to help define the future direction of this IEEE ComSoc product.
– On-Line Distinguished Lectures is similar to Tutorials Now, developed with by ComSoc Distinguished Lecturers.
– Communications Magazine has a column on Emerging Technologies which is now accepting submissions (it was previously by invitation only).

7. Any Other Business (Chair, Ron Smith)
– Globecom 2007: William Wu communicates that Globecom'07 will be held in Washington D.C. and proposes to have a new symposium about satellites in the conference. William suggests nominating a SSC TC coordinator for the symposium. Ron Smith is nominated. All the proposals, suggestions and ideas about the symposium will be sent via e-mail to Ron who will convey them to William.
– Abbas communicates that last year the IEEE Journal on Selected Areas in Communications called for paper submissions to a special issue on "Broadband IP networks via satellites" to be published in 2004. Such special issue on satellite has not been seen for some years in J-SAC and therefore this illustrates new research directions in this important field of communications. The overwhelming response to the call-for-papers has resulted the issue to be published in two parts, February and May 2004. The February 2004 JSAC issue will include 17 high-quality papers addressing mainly higher layers of the network protocol stack. The May issue with 16 papers will look at lower layers such as physical and link control for satellite communications.
– David Grace proposes to extend the activity of the Committee on HAPs (High Altitude Platforms) and to include this topic in the call for papers of ICC, Globecom and other conferences sponsored by SSC TC.

8. Time and Place of Next Meeting (Chair, Ron Smith).
ICC 2004, Paris, France. Time/date: TBD, tentatively, the morning of the second day of technical sessions.

9. Adjourn
The meeting adjourned at 1.40 PM.

Attendance (22 total)

Name	E-mail	Affiliation
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