

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

Meetings for Meeting at GLOBECOM 2004, Dallas, Texas (Approved during ICC2005)  
Wednesday 1 December 2004, 12:00 pm – 2:00 pm  
Location: Hyatt Regency Dallas at Reunion Hotel-Room: Reverchon/Atrium

**1. Call to Order (Chair, Abbas Jamalipour)**

The meeting was called to order at 12.15 PM. 14 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. Acceptance of Minutes of the Last Meeting at ICC04 (Paris)**

The minutes of the last meeting held at ICC04 (Paris) were presented and accepted without objection.

**3. Technical Program Committee (TPC) and Workshop reports:**

A. Globecom 2004 (Dallas) – Representatives: Boon Sain Yeo, Michel Bousquet.

Boon reported there were 8 satellite-related submissions and 4 accepted papers accounting for only 1 session in Globecom 2004. The Committee discussed ideas on how to increase related papers in future conferences, including specific listing in the CFP announcement and focused symposia so that papers on the topic do not get diffused in a variety of symposia.

B. ICC 2005 (Seoul) – Representative: 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)

Abbas reported that he received a number of Satcomm related papers for the Next Generation Networks Symposium for ICC05, and the selected papers will be presented in 2 Sessions.

C. Globecom 2005 (St. Louis) - Michael Hadjithodosiou, Giovanni Giambene, Boon Yeo, William Wu

- The possibility of inclusion of a track on Satellite Communications for Globecom05 Wireless Communications Symposium where Abbas is the Symposium Chair was discussed. Dr. Kota, Mohsen Ghotbi, and Prof. Mohan volunteered to organize this track.
- The topic of Space Communications is also becoming topical with a lot of recent work sponsored by NASA, ESA, US DoD and other agencies and this could also be a relevant theme for a Session.
- The possibility of organizing a Workshop on a specific topic or a session with an invited Panel and discussion was also discussed and Dr. Kota and Prof. Mohan volunteered to explore the organization of such an event.

D. ICC 2006 (Istanbul)

Possible to organize a Workshop on Satellite Communications for ICC06 if there are enough quality papers submitted and selected.

E. ICSSC 2005 (Rome) - Ron Smith

Ron reported that the AIAA ICSSC 2005 will be organized together with the “Ka and Broadband Communications Conference” in Rome, Italy, September 2005. IEEE has cosponsored this conference in recent years.

F. GLOBECOM 06 (San Francisco)

Ron Smith reported that TCs might be eligible to host their own Symposia in the future but they would also be responsible for the collection and review of the technical papers.

Michel Bousquet, Michael Hadjitheodosiou and Satchandi Verma volunteered to explore the organization of this for the SSC TC. Abbas pointed out that all members should consider multiple paper submissions to this symposium, in order to show the strength of satellite communications research for future symposium proposals.

#### G. Other conferences / workshops

Abbas reported that several other international conferences are requesting SSC TC endorsement. COMSOC is responsible for technical or financial sponsorship decisions. It is important to ensure the quality of the conferences we endorse as TC by making sure that our members participate in the TPCs. Ron Smith reported that COMSOC is becoming more reluctant to support non-IEEE conferences as a lot of time they use the IEEE name for promotional purpose but are not willing to share the profits.

#### **Journals:**

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

Previous special edition of IEEE JSAC on Broadband Satellite Communications had so many contributions that 2 issues were devoted to this in February and April 2004.

Upcoming Special Issue of Wireless Communication Journal was introduced by Abbas. Edited by Abbas Jamalipour and Mario Marchese on the topic of Key Technologies and Applications of Present and Future Satellite Communications. Deadline for submission Dec. 15 2004. Also another special issue in the same month is organized by Antonio Iera on the topic of The Synergy of Space and Terrestrial Communications in Next-generation Hybrid Wireless Systems.

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

#### **4. Distinguished Contributions to Satellite Communications Award**

The 2004 Distinguished Contributions to Satellite Communications Award was presented by the COMSOC TAC Chair, Harvey Freeman to Dr. Satchandi Verma, in recognition of significant professional standing and contributions in the field of satellite communications technology.

Eligibility criteria for future awards: 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.

The deadline for 2005 SSC Award Nominations is 15 July, 2005.

Abbas reported that due to budget constraints the TAC has suggested that the award would be an honorarium of \$100 from next time, as opposed to \$500.

#### **5. SSC Newsletter, Web, Email list, and membership status:**

The SSC Newsletter, web site and e-mail reflector list were introduced by the Chair and Secretary.

Paper submission and contribution to the SSC Newsletter is encouraged, especially on Perspective Articles.

SSC Newsletter (vol. 14, 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 2004 SSC Activities
- Officers
- Message from the Chair
- Scanning the World
- Forthcoming ICC and GLOBECOM
- Cosponsoring/Related Conferences and Workshops
- Conference Calendar
- Perspective Article: SatNEX

Prof. Michel Bousquet distributed additional information on SatNEX during the meeting.

The web site: <http://www.comsoc.org/~ssc/index.html> and reflector e-mail list were also introduced.

New members and current members that need to change their listed personal information (address, phone, e-mail, etc) can contact the Secretary.

## **6. Technical Activities Committee (TAC) Report**

Abbas and Ron reported about the COMNSOC TAC meeting of the previous day:

- a. The SSC TC is coming up for re-certification in 2006. We need to demonstrate our activity wrt conference participation, orgnaization and Journal editions.
- b. The availability of new online tutorials by COMSOC was introduced.
- c. Changes on the rules about paper acceptance and author registration were discussed. Currently at least one author of a paper on the program must register at full or limited rate and this registration is sufficient for up to three papers, however one registration is OK for someone who is the sole author of more than 3 papers. Students authors are also currently required to pay full or limited registration.
- d. INFOCOM is accepting workshop proposals from the TCs.
- e. COMSOC is looking for members to participate in awards committee for a 3-year appointment.
- f. COMSOC is looking into ways of improving its finances. One possibility iis the increase of acceptancerate of papers in major conferences (Currently about 35% for ICC/GLOBECOM, 17% for INFOCOM). One method that is planned is to include papers as posters (“intercative presentations”) on top of the traditional presentations during sessions. In order for his to be succesful however the perception of “second class” papers as posters has to be addressed and COMSOC needs to emphasize the same quality criteria apply to all selected papers. How the orgnization of this change will work remains to be seen.
- g. TC Membership with IEEE or other standards comittees is encouraged.
- i. Abbas mentioned that TAC requires one liaison from each TC for the TAC Standard sub-committee. Sastri Kota has volunteered to be the SSC TC Standard Liaison to TAC.

## **7. Time and Place of Next Meeting**

Next IEEE SSC Committee Meeting will take place at ICC 2005, Seoul, Korea, most probbaly at 12.00-200 of the second day of the conference technical sessions. Details to appear on the website around May 2005.

## **8. Adjourn**

Meeting adjourned at 14.10 pm.

### Meeting Attendance List

Name	Affiliation	E-mail
Abbas Jamalipour	University of Sydney	a.jamalipour@ieee.org
Michael Hadjitheodosiou	University of Maryland, College Park	michalis@umd.edu
Satchandi Verma	Northrup Grunman	satchandi@ngc.com
Ron Smith	Northrup Grunman	ron.p.smith@ngc.com
Sastri Kota	Harris Corp.	skota@harris.com
Mohsen Ghotbi	Concordia University	mohsen@ece.concordia.ca
Seshadri Mohan	University of Arkansas, Little Rock	sxmohan@ualr.edu
Guy Omidyar		Guy.Omidyar@ieee.org
Boon Sain Yeo	I <sup>2</sup> R	boonyeo@ieee.org
Ruhai Wang	Lamar University	wangrx@hal.lamar.edu
Hung Nguyen	The Aerospace Corp.	Hung.H.Nguyen@aero.org
Pierre Lafuma	CNES	Pierre.Lafuma@cnes.fr
Fransceso Chiti	University of Florence	chiti@lenst.det.unifi.it
Michel Bousquet	SUPAERO	Michel.Bousquet@supaero.fr