

**Attachments to the  
Minutes  
Board of Governors Meeting  
IEEE Society on the Social Implications of Technology  
(SSIT)  
June 11, 2006 1:00 PM**

## Call for Papers ----\*\*\*---- Call for Papers----\*\*\*---- Call for Papers

Abstracts are now being accepted for the  
2007 International Symposium on Technology and Society

**Theme:** Risk, Vulnerability, Uncertainty, Technology and Society  
**Location:** University of Nevada, Las Vegas.  
**Dates:** June 1-2, 2007

Sub-themes this year include:

- Risk, technology and the nuclear weapons legacy (old weapons, new weapons, testing)
- Risk, technology and the nuclear present and future (new construction, waste disposal)
- Gaming technology and society (surveillance, computing, internet gaming, gambling addictions)
- Tourism and public health vulnerability (food and water safety, infectious disease prevention and containment, large scale evacuation and crowd management)
- Infrastructure vulnerability (water, energy, transportation; natural and human caused hazards)
- Managing uncertainty (statistics, modeling, communication)
- Financial risk and insurance (global warming, extreme events)

We also welcome submissions on other traditional ISTAS topics including environmental, health and safety implications of technology; engineering ethics and professional responsibility; history of technology; technical expertise and public policy; peace technology; and social issues related to energy, information technology and telecommunications.

### Sponsors:

- The Institute of Electrical and Electronics Engineers Society on Social Implications of Technology
- The Risk Assessment and Policy Association (RAPA)
- The University of Nevada, Las Vegas Department of Environmental Studies
- The University of Nevada, Las Vegas Institute for Security Studies

Abstracts are due by January 15, 2007  
Acceptances will be announced by March 1, 2007  
Conference Proceedings due May 1, 2007

Send abstracts and questions to Dr. David M. Hassenzahl, ISTAS 2007 Conference Chair  
[david.hassenzahl@unlv.edu](mailto:david.hassenzahl@unlv.edu) (please put "ISTAS abstract" in the subject line)

For more information, see  
<http://www.unlv.edu/faculty/dmh/ISTAS2007>

**What better place than Las Vegas to discuss risk and uncertainty!**

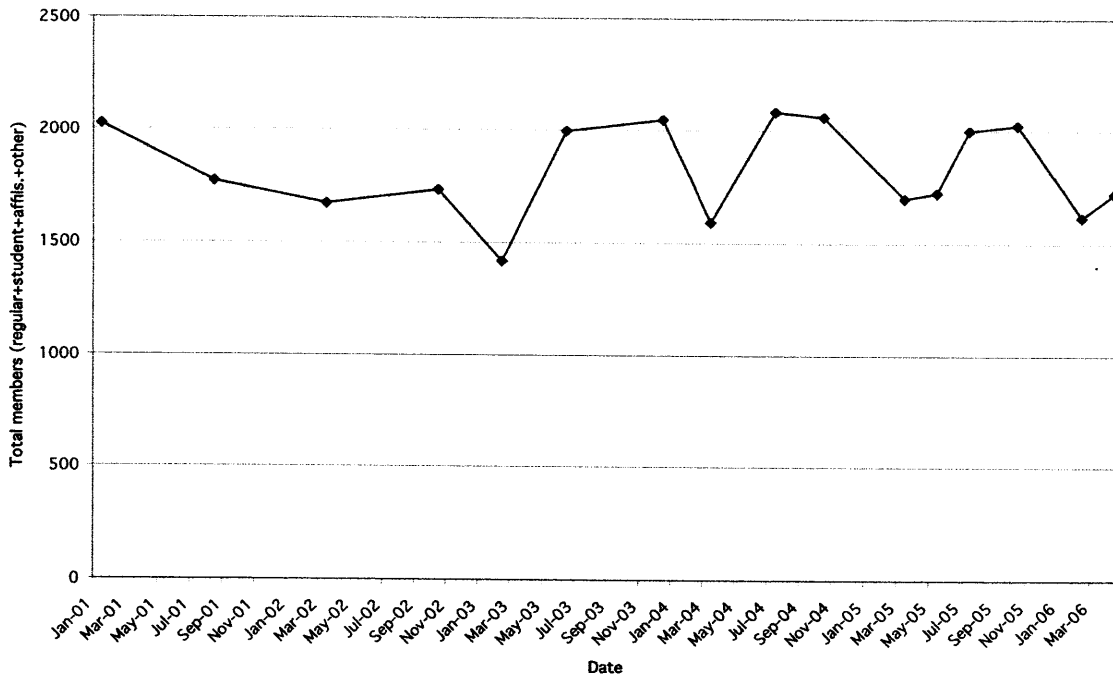
# IEEE SSIT BOG Meeting 6/10/2006

## Treasurer's Report

Membership as of 29 April 2006:

Regular: 1388  
Student: 134  
Affiliate: 23  
Other: 175  
Total: 1720 + 632 arrears = 2352

SSIT Total Membership vs. Time





IEEE  
 SOCIETIES & COUNCILS  
 Current Period: APR-06

Date: 10-MAY-06 09:27:45  
 Page: 1

currency USD  
 Business Unit=0300 (Social Implications of Tech)

NAME	I N C O M E			E X P E N S E			N E T S U R P L U S ( D E F I C I T )			
	ANNUAL BUDGET	YEAR TO DATE		ANNUAL BUDGET	YEAR TO DATE		ANNUAL BUDGET	Y E A R T O D A T E		
		BUDGET	ACTUAL		BUDGET	ACTUAL		BUDGET	ACTUAL	VARIANCE
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PERIODICALS	196.6	120.9	116.4	125.1	36.3	43.0	71.5	84.6	73.4	-11.2
NEWSLETTERS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NON PERIODICAL SALES	0.0	0.0	0.0	1.1	0.4	0.4	-1.1	-0.4	-0.4	0.0
MEETINGS/CONFERENCES	80.5	26.8	0.9	18.7	6.2	0.0	61.8	20.6	0.9	-19.7
GRANTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION	0.0	0.0	0.0	114.0	24.0	24.1	-114.0	-24.0	-24.1	-0.1
COMMITTEE/OTHER	0.2	0.0	0.0	21.6	7.2	4.6	-21.4	-7.2	-4.6	2.6
TOTAL	----- 277.3 -----	----- 147.8 -----	----- 117.3 -----	----- 280.5 -----	----- 74.1 -----	----- 72.0 -----	----- -3.2 -----	----- 73.7 -----	----- 45.2 -----	----- -28.4 -----

**Publications Committee Report**  
**IEEE Society on Social Implications of Technology**

IEEE SSIT Board of Governors Meeting  
June 10, 2006

Michael Loui, committee chair  
Joseph Herkert (ex officio), Ronald Kline, Karl Perusich (ex officio),  
Janet Rochester, committee members

**1. *Technology and Society* magazine**

Seven papers have been submitted for regular issues of T&S to date in 2006 (compared to 10 at this point in 2004 and 14 at this point in 2005). Of these, one was rejected without review and one was accepted as an unreviewed feature; five others are still under review. Despite the drop-off in unsolicited manuscripts, the current backlog, including planned special issues, is healthy (through 2007).

Special issues:

June 2006	From Region to Countries: Engineering Education in Bahrain, Egypt, and Turkey
September 2006	ISTAS'05 special issue
December 2006	SSIT 25th Anniversary (includes special features)
March 2007	Security and Usability
September 2007	ISTAS'06 special issue
December 2007	Engineering Ethics Education (editor solicitation from ASEE'06 conference)

Future special issues:

- Potentials and Limits of Cooperation in Fourth Generation Wireless Communications (pending approval, proposal attached)
- NBIC (proposal expected)

**2. Editorial Board for *Technology and Society* Magazine**

As a result of our 5-year review by TAB Periodicals Committee we agreed to add a new editorial board member from Regions 8–10 and a second Associate Editor from Regions 8–10. We have not yet identified such a person (or persons).

**3. Electronic newsletter**

Publication dates for the e-newsletter are set to coordinate with the BOG meetings (so minutes are available) and with the release of T&S magazine. The next e-newsletter will go out in early August. Items for the e-newsletter should be sent to Karl Perusich (perusich@sbcglobal.net).

**4. Sister society agreement with ASME Technology and Society Division**

Michael Loui is negotiating an agreement with the Technology and Society Division of ASME to provide T&S magazine to T&S Division members at a rate between the IEEE SSIT member rate (currently \$24) and the affiliate rate (\$83). He last sent an e-mail message to Timo Marquez (ASME T&S Executive Committee member) on May 26.

# **IEEE Technology and Society Magazine**

Special Issue on

## **Potentials and Limits of Cooperation in Fourth Generation Wireless Communications**

"One's own group is the center of everything"  
W.G. Sumner

### **Call for Papers**

Publication Date: TBD

Within the rising communication paradigm of the fourth generation (4G), novel types of "cooperation" emerge. Indeed, differently from conventional *selfish* point-to-point cellular communications, 4G will support *cooperative* communication strategies by establishing ad-hoc connectivity among spatially proximate users. While initial technical research efforts have started and demonstrated a potential boost in terms of quality of service delivery, the social dimension of cooperation as a foundation of 4G is still almost unexplored. Hence, it has to be investigated the underlying crucial intertwining between technologically performed cooperation and user driven social cooperation in the realm of 4G. The Society on Social Implications of Technology, through the publication of this special issue of T&S Magazine, invites researchers in mobile engineering, social science and other related scientific disciplines to submit papers on cooperation as a socio-technological phenomenon, which can strengthen the success and social robustness of 4G.

Original research papers on the following topics are sought:

- Trust, privacy and accountability in cooperative networks
- Social-centric wireless networks vs. ego-centric wireless networks
- Selective attributes and methods for the establishment of cooperation
- Technical challenges and opportunities of cooperative communications
- To cooperate or to compete: in-group favouritism and out-group isolation
- Mobile cooperational networks: the role of the user and the tasks of the network
- Cooperative communication strategies to lower radiation and battery consumption levels
- Transparent, on-demand and pop-up cooperation - new challenges and potentials for the user

*IEEE Technology & Society Magazine* is a quarterly journal published by the *IEEE Society on Social Implications of Technology*. Peer-reviewed articles published in *IEEE Technology and Society Magazine* are available in Xplore, the IEEE on-line library.

### **Deadlines**

Submissions due: 30/09/2006  
Expected reply: 15/01/2007  
Revisions as needed due: 15/02/2007

For author guidelines please see <http://www.patmedia.net/tbookman/techsoc/index.html>

To submit papers, please send a pdf document to: [sf@kom.aau.dk](mailto:sf@kom.aau.dk)

## GUEST EDITORS

*Simone Frattasi*  
Center for TeleInfrastruktur (CTIF)  
Aalborg University, Denmark  
[sf@kom.aau.dk](mailto:sf@kom.aau.dk)

*Antje Gimmler*  
Dept. of Sociology, Social Work and Organization  
Aalborg University, Denmark  
[gimmler@socsci.aau.dk](mailto:gimmler@socsci.aau.dk)



## SHORT CV

---

**Simone Frattasi** received his M.Sc. degree cum laude and his B.Sc. degree in Telecommunications Engineering from the University of Tor Vergata, Rome, Italy, in 2002 and 2001, respectively. He has been employed as a Research Engineer (2002-2005) at Aalborg University, Aalborg, Denmark, in the Wireless Networking Group (WING), as a member of the Future Vision Lab., where he has been working on several important European Projects (STRIKE, VeRT, and WINNER). He is currently appointed as an Assistant Professor at the Center for TeleInfrastruktur (CTIF), Aalborg University, where he works on the JADE project, a joint cooperation of SAMSUNG Electronics and CTIF. He is author/co-author of about 30 papers published on proceedings of international conferences, magazines, and journals; a number of technical reports; and one patent application in the field of cooperative link adaptation. Further, he has served as a reviewer for several international conferences, magazine, and journals, and he has supervised/co-supervised several undergraduate student projects. His research interests include: user perspectives and sociological dimensions related to the evolution of technology and society; cooperation in fourth generation (4G) wireless communication networks: services and architectures, link adaptation and localization techniques; interworking mechanisms and technologies; TCP/IP over wireless; terrestrial-satellite integration scenarios and techniques.

## PUBLICATIONS

---

For the complete list see: [http://vbn.aau.dk/research/frattasi\\_simone\(7608\)|publications](http://vbn.aau.dk/research/frattasi_simone(7608)|publications).

## REFERENCES

---

**Prof. Ramjee Prasad**, Center for TeleInfrastruktur, Aalborg University, Aalborg, Denmark.  
**Prof. Antje Gimmler**, Institute of Social Science and Organisation, Aalborg University, Aalborg, Denmark.  
**Prof. Marina Ruggieri**, Dep. of Electronics Engineering, University of Tor Vergata, Rome, Italy.

Dr. phil Antje Gimmler  
Associate Professor for Social Theory  
Aalborg University  
Department for sociology, social work and organisation  
Kroghstræde 5  
9200 Aalborg, Danmark  
Telephone: 9635-7294  
e-mail: [antje@gimmler.net](mailto:antje@gimmler.net)

**Education:** Studies in philosophy, sociology and history at the Freie Universitaet Berlin and Bamberg University (Germany). Ph.D. in social theory, since 2002 Associate Professor at the University of Aalborg, Denmark.

**Main research fields:** Classical and modern social theory, Science and Technology Studies (STS), studies in democracy, public sphere and communications technologies, science and knowledge in modern societies, pragmatism and critical theory.

**Selected publications:** Institution und Individuum. Zur Institutionentheorie von Max Weber und Jürgen Habermas, Frankfurt a. M., Campus-Verlag 1998; Deliberative Democracy, Public Sphere, and the Internet, in: Philosophy & Social Criticism, Vol. 27 (4) 2001; Pragmatisk Sociologi – det bedste er endnu i vente, in: Michael H. Jacobsen (ed.), Sociologiske Visioner – Sytten bidrag fra en sociologisk brydningstid, Århus, Systime 2003, p. 175-188; Hegel as Pragmatist, in: Bill Egginton, et al. (ed.), The Pragmatic Turn in Philosophy, Albany N.Y., SUNY 2004; 4G – Social Aspects of the Next Generation of Communications Technologies (JADE project, CTIF Aalborg University, 2004); Designing Socially Robust 4G Services (together with S. Frattasi, H. Fathi, F. Fitzek, R. Prasad), in: IEEE, 2006 (forthcoming).

Sept. 10, 2005.

**MEMBERSHIP STATISTICS OF SSIT (SIT-30)**

**AS OF SEPTEMBER 2005**

SOCIETIES	Sept 2004	Sept 2005	% Change
SSIT	1901	1840	-3.2
Div VI	13,801	13,560	-1.7
IEEE Societies	286,306	276,173	-3.5

This set of statistics is not quite as positive as it was earlier this year and last year. There has been a 15% drop in student elevations compared to last year; which may account for the drop, or a lack of increase, in the SSIT membership.

Note that the IEEE cutoff in significant numbers for a society is 50 members; which we exceeded. The SSIT reduction was 61 members.

P1583 Voting Machine Activities - There has been no significant change since the last report. There is increased interest by NIST and it is sponsoring a workshop in Gaithersburg MD on Oct. 7, 2005. The details are in the attachment.

Respectfully Submitted,

*Bob*

Robert H. Brook

SSIT Membership Chair

Jan. 1, 2005.

**Letter to the Editor**  
**Re: *Lighting Up the Andes: Dec. 2004 Spectrum***

By Peter Fairly

Peter Fairly has shown in one concisely written essay that engineering in general and electrical engineering, in particular, that human drama need not be framed in an operating room or a courtroom. He has brought us a story of two sixty-two year old Canadians, Faith and Anthony Harckham, who have dedicated themselves to uplifting the lives of people in third-world poverty by the introduction of a carefully circumscribed bit of modern electronics. In this case it was low wattage, low level LED light sources powered by photovoltaic cells. This was not an act of bravado or western arrogant superiority but a response to a persistent world-wide problem; the environmentally unfriendly, I say this with tongue in cheek, noxious and toxic kerosene lamps in common use throughout Bolivia. A billion people in the world have no access to electricity. Bolivia, the subject of the Harckham's work described in this essay, is one of the poorest countries.

The obvious reason for the need for light is for reading, cooking and general work at night. A compelling reason to get rid of the kerosene lamps is health. The kerosene fumes contain particulates and carcinogenic gases that are a major cause of eye and respiratory diseases as well as fire hazards. The umbrella organization or more properly a loose association of like-minded people is called Luxtreks. The Harkhams had had a positive experience in Nepal and had hoped for a similar measure of success. Our plucky couple had to cope with distrustful villagers, an unstable and hostile political environment and a difficult mountainous terrain.

All of the elements of drama, tragedy, family and village life were woven into this tightly-written and, at least for me, moving essay, all wrought by first hand experience of the writer and his wife. Dare I even think about a TV documentary, a movie or a Broadway play?

My hat is off to Mr. Fairly and the Spectrum. I can only hope that the work of the Harckhams and Luxtreks receives recognition in future issues of the Spectrum and from the popular press as well.

Robert H. Brook  
Life Senior Member

Mr. Brook has been an occasional reviewer for the Spectrum

SSIT Distinguished Lecturer Program Report to Board of Governors

Queens, NY, June 2006

Janet Rochester

Presentations this quarter:

On April 21st, Brian O'Connell gave a featured presentation on "Helping Students Think Critically about Technology" at the American Association of Colleges and Universities meeting in Seattle.

On April 25th, Brian O'Connell gave the "Theodore Walwik Lecture" on "Ethics, Technology and the New Fusion" at Slippery Rock University in Pennsylvania.

On April 27th, Brian O'Connell gave a talk on "Ethics, Anticipation and the Role of the Technological and Scientific Professional" to the Institute of Computer Technology at the Technical University of Vienna.

I will be having information about the program in our electronic publication, which will be available as entities are planning their events for the upcoming year..

Awards Committee Report to Board of Governors

Queens, NY, June 2006

Janet Rochester

The Awards Committee has generated the criteria for a new award, for distinguished service to SSIT, as shown below. Stephen Unger has prepared a dissenting report, also shown below. The criteria listed are required by the IEEE for the award to be approved.

Proposal for SSIT Distinguished Service Award

**Title** – The award will be known as the SSIT Distinguished Service Award.

**Description** – The award will be <sup>to at most one</sup> given annually to ~~an~~ SSIT member who has served the Society with distinction as a board member, contributor to publications, conference organizer, or any combination of these or other activities. The SSIT currently has no award to recognize service to the Society. This award is intended both to recognize and to stimulate outstanding service.

**Administration** – The award will be administered by the SSIT.

**Eligibility** – The award will be given to any full member of SSIT who has served the society in an exemplary way for a period of years.

**Prize Items** – The award will consist of a plaque ~~and an honorarium of \$500.~~

*possibility of support for travel to receive award.*

**Funds** – The award will be funded by the SSIT on an annual basis.

**Nominee Solicitation** – Nominees will be solicited using SSIT's magazine, Technology and Society, by announcements in SSIT's electronic communications with its members, and by the SSIT web site.

**Awards Committee** – The award committee will be the SSIT's Awards Committee, ~~comprising the Vice-President and two other members.~~

**Schedule** – Nominations will be due by 31 March each year, with selection and approval completed by 30 April and notification of the recipient by 15 May.

**Selection/Basis for Judging** – Candidates will be judged on length, breadth, and impact of service. The committee will vote on all candidates deemed eligible for the award. If no suitable candidates are nominated, the award will not be presented.

**Presentation** – The award will be given at the SSIT's annual conference by the president of SSIT in the name of the society. *Funding to attend the conference will be considered.*

Publicity – Presentation of the award will be reported in T&S, in electronic communications with SSIT's members, and in press releases and letters to employers as appropriate.

Dissenting View on Proposal for New SSIT Award 5/15/06

I don't doubt the good intentions behind the proposal for an award for service to SSIT, but I really don't see what good it would accomplish. People have all sorts of reasons for devoting time to IEEE entities, but I doubt that the possibility of winning an award for such activity is often one of them. In practice, handing out such awards generally degenerates into a routine operation with little significance--for example it is often automatically given to past presidents, perhaps with some delay built in. The idea of society officers giving one another society money is particularly distasteful to me.

In my opinion, there are many more useful ways to allocate our limited resources in time, energy, and money.

I regret that I will not be able to attend the June BOG meeting, as I will be giving an ethics seminar in Germany at that time.

Steve Unger