

IEEE Society on Social Implications of Technology  
 Board of Governors Meeting - Saturday, June 19, 2004  
 Worcester Polytechnic Institution

- |     |   |  |
|-----|---|--|
| 1.  | Welcome & Introductions   | O'Connell  |
| 2.  | Adoption of Agenda  | O'Connell  |
| 3.  | Approval of Previous Minutes  | O'Connell  |
| 4.  | President's Report  | O'Connell  |
| 5.  | Past President's Report   | Andrews  |
| 6.  | Treasurer's Report  | Stephan  |
| 7.  | Publication Report  | Loui/Herkert/Perusich  |
| 8.  | Conference Reports<br>Texas Regional Meeting<br>ISTAS 04<br>California Regional / BoG Meeting<br>ISTAS 05   | Stephan<br>Schacterle<br>Chmielewski/O'Connell<br>Chmielewski  |
| 9.  | Committee Reports<br>Nominations<br>Fellows Committee<br>Membership<br>Student Membership<br>Membership Survey<br>Virtual Community<br>Chapters<br>Awards<br>Ethics<br>PACE | Andrews<br>O'Connell<br>Brooks<br>Newberry/O'Connell<br>Andrews<br>Andrews<br>Perusich<br>Benjamin<br>Unger<br>Plonsey |
| 10. | Liaison Reports<br>CCIP<br>Division X & Control Systems<br>Circuits Society<br>Society Development Committee  | Camp<br>Meyer<br>Newcomb<br>Pfatteicher  |
| 11. | Old Business  |  |
| 12. | New Business --- <i>est. ad hoc education committee</i>   |  |
| 13. | Next Meeting & Adjournment  |  |

# *Incident at Morales*

## *An Engineering Ethics Story*

Produced by the  
**National Institute for Engineering Ethics**  
Murdough Center for Engineering Professionalism  
College of Engineering, Texas Tech University  
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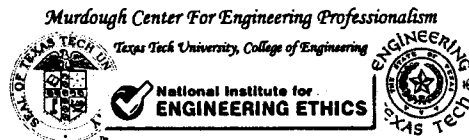
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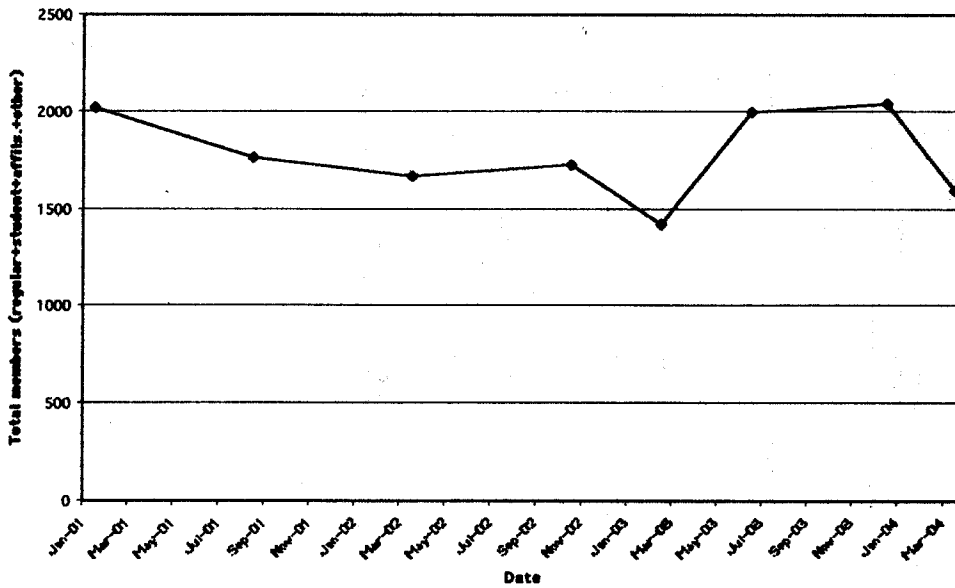
# IEEE SSIT BOG Meeting 6/19/2004

## Treasurer's Report

Membership as of 18 Mar. 2004:

Regular: 1238  
Student: 151  
Affiliate: 115  
Other: 88  
Total: 1592 + 743 arrears = 2335

SSIT Total Membership vs. Time



IEEE  
SOCIETIES & COUNCILS  
Current Period: APR-04

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 )				
	Y E A R T O D A T E		Y E A R T O D A T E		Y E A R T O D A T E		Y E A R T O D A T E		Y E A R T O D A T E		Y E A R T O D A T E		
	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	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	0.0	0.0	0.0
PERIODICALS	166.6	99.9	90.0	125.0	35.5	44.4	41.7	64.5	45.6	-18.9			
NEWSLETTERS	0.0	0.0	0.0	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	0.8	0.2	-0.1	-0.8	-0.2	0.1	0.3			
MEETINGS/CONFERENCES	32.8	16.9	0.0	-22.7	9.8	0.0	55.5	1.2	0.0	-1.2			
GRANTS	0.0	0.0	0.0	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	80.3	16.2	16.2	-80.3	-16.2	-16.2	0.0			
COMMITTEE/OTHER	0.5	0.1	0.0	16.6	5.4	4.1	-16.1	-5.3	-4.1	1.2			
TOTAL	200.0	111.0	90.0	200.0	67.1	64.5	0.0	43.9	25.4	-18.5			



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

IEEE SSIT Board of Governors Meeting  
June 19, 2004

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

**1. Technology and Society magazine**

There have been 10 papers submitted for regular issues of T&S so far in 2004. Of these, one was rejected without review, two were rejected after review, three were given "revise and resubmit" responses, and one was accepted with revisions; the other three are still under review.

Special issues for 2004 include Security and Crime Prevention (ISTAS'03) (Andrews, guest editor) (September) and Nanotechnology (Woodhouse, guest editor) (December).

Planned special issues for 2005 include an issue on Pervasive Computing (approval pending, see below) (March) and an ISTAS'04 issue (June or September).

**2. Electronic newsletter**

The Spring 2004 issue appeared on June 10. Items should be sent to Karl Perusich.

**3. Proposed special issue on Pervasive Computing**

I forwarded the attached proposal to the rest of the Publications Committee on June 10, but I received no response. I believe that the proposal is sound, and I recommend that we accept the proposal.

From: "Joe Herkert" <herkert@social.chass.ncsu.edu>  
To: loui@uiuc.edu  
Date: Thu, 10 Jun 2004 15:45:57 -0400  
Subject: (Fwd) IEEE T&S Special Issue on Technology Assessment  
Reply-to: joe\_herkert@ncsu.edu

Michael-

Here is a proposal for a special issue of T&S. The procedure is for the editorial board to review the proposal and, if appropriate, recommend it to the BoG for their approval. The plan would be to do this in March 2005 so I hope we can expedite the process. Please seek approval of the editorial board via email at your earliest convenience so we can present it to the BoG at the ISTAS 04 meeting.

I have corresponded with the editors and they have agreed to limit the issue to our standard length of 22k-26k words.

Besides being an interesting and important topic, the proposal has the advantage of providing a non-US focus which is something we don't do enough of. Also, the paper pipeline is pretty thin right now and having a special issue in March 2005 would be a big help (there are currently no other prospects for 2005 except the usual ISTAS issue).

Let me know if you have any questions.

Best wishes,  
Joe

----- Forwarded message follows -----

Date sent: Fri, 4 Jun 2004 22:46:36 +0200  
To: <joe\_herkert@ncsu.edu>  
From: Michele Courant <michele.courant@unifr.ch>  
Subject: IEEE T&S Special Issue on Technology Assessment  
Copies to: "Lorenz Hilty" <Lorenz.Hilty@empa.ch>,  
"Danielle Butschi" <d.butschi@bluewin.ch>

Dear Joe,

As Mr Lorenz Hilty previously informed you, I send you below the answers to your questions concerning the IEEE T&S Special Issue on Technology Assessment, namely:

- 1) a brief description of the issue,
- 2) a list of the workshop papers that can be submitted to the journal,
- 3) a rough estimate of total number of words needed for the issue
- 4) a brief biography of guest editors.

Best regards,  
Michele

>1) A brief (1-2 para) description of the issue and its relevance to  
>the social implications of technology.

Pervasive Computing is an emerging technology that is growing very rapidly and about to be deployed in numerous domains of everyday life. By its economical and technological huge dimension, it may be considered as a new era in information technology, entailing of course deep consequences on the human behavior, the society and the environment.

The special issue will relate the main outcomes of the "First International Workshop on Sustainable Pervasive Computing" (SPC'2004), that has been organised in Vienna in April 2004 by the EMPA (<http://www.empa.ch>), the TA-Swiss (Swiss Center for Technology Assessment, <http://www.ta-swiss.ch>), and the Department of Informatics of the University of Fribourg (<http://www.unifr.ch/diuf>). This event was a first attempt on applying the principles of sustainable development to the design of computer technology, both in its broad meaning of "meeting the needs of the present without compromising the ability of the future generations to meet their own needs", and its more practical acceptance where it must "sustain word's economy, protect the environment, and alleviate human poverty and human suffering".

The issue will contain interdisciplinary reflections issuing from the meeting of people working on Technology Assessment and research scientists in Computer Science, on the potential social and environmental impacts of pervasive computing, and on some major topics of the technology interfering with these issues, which may then be addressed consciously and precautionously through technological design.

>2) Authors and titles of the papers that you anticipate inviting for submitting for the issue

Editorial (by Lorenz Hilty and Michèle Courant): Sustainable Development and Pervasive Computing

Danielle Butschi: Technology Assessment: A contribution to build social robust technologies

Mahshid Sotoudeh: Links between Sustainability and TechnologyDevelopment

Andreas Köhler, Claudia Som: Effects of pervasive computing on sustainable development

Environment, Health and Privacy Issues

Philipp Kräuchi, Andreas Köhler, Günter Grossmann: Electronic Waste in an Age of Pervasive Computing

Jürg Fröhlich, Niels Kuster: Is there a Need for Additional Studies for the Risk Assessment of Pervasive Computing ?

Johann Cas: Privacy in Pervasive Computing Environments - A Contradiction in Terms ?

Design Issues for a Sustainable Pervasive Computing

Jean-Marc Seigneur: Towards Trustworthy Eco Computing

Vassilis Kostakos, Eamonn O'Neil: Designing Pervasive Systems for Society

Andry Rakotonirainy: Sustainable Context-Aware Programming for Automotive Applications

Shiva Chetan, Anand Ranganathan, Roy Campbell: Towards Fault Tolerant Pervasive Computing

#### Applications

Michèle Courant, Ambros Lüthi: Pervasive Computing and Sustainable Development: a case study in Mobility Management

Vlad Coroama, Norbert Höckl: Pervasive Insurance Markets and their Consequences

>3) Rough estimate of total number of words needed for the issue  
>(including guest editor's introduction).

The above listed papers totalize around 74 pages in IEEE format (1'000 words pages) ie approximately 74'000 words. In case the listed papers should not be enough for a special issue, we could think about inviting additional authors.

>4) A brief bio of the guest editors (you I assume).

The guest editors would be the three workshop organizers ie: Prof. Lorenz Hilty, Dr Danielle Bütschi, and Dr Michele Courant.

Prof. Dr. habil. Lorenz M. Hilty is Head of the Technology and Society Laboratory at the Swiss Federal Laboratories for Materials Testing and Research (EMPA), professor for Information Systems at the University of Applied Sciences Solothurn Northwestern Switzerland (FHSO) and lecturer at the University of Basel.

Born in St. Gallen, Switzerland, in 1959, Lorenz Hilty received his degree in Computer Science from Hamburg University in 1986, where he worked as a graduate research assistant. After receiving his Ph. D. in Cognitive Science from the same University in 1991, he worked as a project manager and researcher in the field of environmental information processing, 1992-1993 at the University of St. Gallen, Institute of Economics and Ecology, 1993-1995 at Hamburg University, Department of Computer Science, and 1995-1998 at the Research Institute for Applied Knowledge Processing (FAW), Ulm. His habilitation (postdoctoral thesis) on Environmental Information Processing Contributions of Informatics to Sustainable Development was accepted by the Computer Science Department of Hamburg University in 1997. Lorenz Hilty published more than 70 scientific articles and books. He is the Swiss delegate to the Technical Committee Computers and Society of the International Federation for Information Processing (IFIP TC9).

Recent research projects include The precautionary principle in the information society on behalf of the Swiss Centre for Technology Assessment (TA-SWISS), Berne, and The future impact of ICT on environmental sustainability on behalf of the Institute for Prospective Technological Studies (IPTS), Sevilla.

Danielle Bütschi, Dr., is consultant on project management and mediation in the field of Technology Assessment. She is trained as a political scientist and received a doctorate from Social Sciences and Economics Faculty of the University of Geneva (Switzerland), where she conducted researches on the formation of public opinion and on welfare policies. She then worked for the Swiss Government, at the Centre for Technology Assessment (TA-SWISS). She is currently collaborating with TA-SWISS on occasional mandates, as well as with other institutions carrying projects addressing the relationship between science and society. Her main interest relies on information society related issues and on the democratization of science.

Michèle Courant graduated in 1982 and received her PhD Degree in Computer Science in 1987 from the IRISA at the University of Rennes (France). She is currently associate professor at the Department of Informatics at the University of Fribourg (Switzerland), where she is leading research in the Pervasive and Artificial Intelligence Research group. Her research interests include the design of autonomous and intelligent systems, human-machine interaction, and the social and anthropological issues of computing.