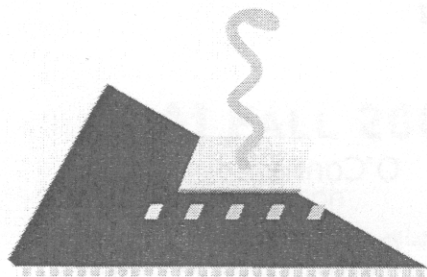


IEEE Society on Social Implications of Technology  
 Board of Governors Meeting  
 Saturday, April 30, 2005  
 Madison, WI, 10:00 AM

- |   |                                |
|---|--------------------------------|
| 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 / Div VI Director's Report<br>Div V Director's Report | Andrews<br>Hoffnagle           |
| 6. Treasurer's Report   | Stephan/O'Connell              |
| 7. Publication Report   | Loui/Herkert/Perusich          |
| 8. Conference Reports   | Andrews/Chmielewski            |
| 9. Committee Reports  |                                |
| Nominations   | Andrews                        |
| Fellows Committee   | Engelson                       |
| Membership  | Brook                          |
| Student Membership  | Anesta                         |
| Distinguished Lecturers   | Rochester                      |
| Virtual Community   | Andrews                        |
| Chapters  | Perusich                       |
| Awards  | Benjamin/O'Connell             |
| Ethics  | Unger                          |
| PACE  | Plonsey                        |
| Society Development Committee   | Pfatteicher                    |
| Educational Activities Committee  | Schipke                        |
| Web Committee   | Loui/Andrews/Anesta            |
| 10. Liaison Reports   |                                |
| Computer Society  | Diamond                        |
| Division X & Control Systems  | Meyer                          |
| Committee on Earth Observation  | Kjell                          |
| 11. Old Business  |                                |
| 12. New Business  |                                |
| Teleconference  | Perusich                       |
| 13. Next Meeting & Adjournment  | June 10 <sup>th</sup> LMU L.A. |



# The ICMCC Event June 1-3, 2005 NCC, The Hague

[Home](#)

[Registration](#)

[Programme](#)

[Venue](#)

[Boards](#)

[Sponsoring](#)

[Contact us](#)

[ICMCC Council](#)

## The Leading International Event on ICT in Medicine and Care

*The ICMCC Event is the annual platform of the [International Council on Medical and Care Compunetics](#).*

[Announcements](#)  
[Programme overview](#)  
[Detailed Program](#)  
[General](#)

---

## Announcements

**Registration is open. Early registration has been extended till May 2.**

We are proud to announce that **Dr. Winnie Tang**, CEO of ESRI China, will speak during the plenary session on June 2

We are happy to announce, that on June 3 there will be a workshop on the **EHR standard**. More details will follow shortly.

The Bioinformatics department will present its [I-Space project](#) during the ICMCC Event 2005.

- In 2006 ICMCC will organize conferences on specialised subjects:
  - Diabetes and ICT, February 2006
  - Cancer and ICT, March 2006
  - HIV and ICT, April 2006

All conferences will be organized in The Hague, The Netherlands.  
If you are interested in actively participating in these conferences, please [contact us](#).

---

## Program

## Detailed Program

### Overview of presentations.

---

#### Plenaries

The **Plenary session** will be organized on the morning of the 2nd day, June 2.

Some of the speakers will be:

- **Dr. Winnie Tang**, *CEO of ESRI China*
- **Prof. Dr Michael Lightner**, *president-elect of the IEEE.*

On June 1 and 3 the morning and afternoon will start with a **small plenary** of 25 minutes.

Some of the expected speakers will be:

- Prof Corey Schou, Dean of Idaho State University, USA
  - Mike Popovich, President/CEO of Scientific Technologies Corporation (STC), USA
  - Prof. Brian O'Connell, Central Connecticut State University, president of the IEEE-SSIT
- 

#### General overview

- *ICMCC introduces*

The **ICMCC Event Challenge; HIV and ICT, Breaking down the barriers.**

June 3, 2005

A challenge is a project for which we actively try to find partners who will be enabled during the Event to sit together and discuss possible cooperation.

The ICMCC Event Challenge for 2005 will be a large international project on HIV and AIDS, in cooperation with Health Connections International.

Symposium summary

See further details.

- **Symposium on Virtual Hospitals**

June 1, 2005

○ Symposium summary

○ See further details.

This symposium will publish a white paper.

- **Symposium on eHealth**

June 2-3, 2005

○ Symposium summary

○ See further details

This symposium will publish a white paper.

---

# AAAI FALL 2005 SYMPOSIUM ON MACHINE ETHICS

## Call for Participation

Past research concerning the relationship between technology and ethics has largely focused on responsible and irresponsible use of technology by human beings, with a few people being interested in how human beings ought to treat machines. In all cases, only human beings have engaged in ethical reasoning. The time has come for adding an ethical dimension to at least some machines. Recognition of the ethical ramifications of behavior involving machines, as well as recent and potential developments in machine autonomy, necessitates this. In contrast to computer hacking, software property issues, privacy issues and other topics normally ascribed to computer ethics, machine ethics is concerned with the behavior of machines towards human users and other machines.

We contend that research in machine ethics is key to alleviating concerns with autonomous systems—it could be argued that the notion of autonomous machines without such a dimension is at the root of all fear concerning machine intelligence. Further, investigation of machine ethics could enable the discovery of problems with current ethical theories, advancing our thinking about ethics. We intend to bring together interested participants from a wide variety of disciplines to the end of forging a set of common goals for machine ethics investigation and the research agendas required to accomplish them. Topics of interest include, but are not restricted to:

- improvement of interaction between artificially and naturally intelligent systems through the addition of an ethical dimension to artificially intelligent systems
- enhancement of machine-machine communication and cooperation through an ethical dimension
- design of systems that provide expert guidance in ethical matters
- deeper understanding of ethical theories through computational simulation
- development of decision procedures for ethical theories that have multiple *prima facie* duties
- computability of ethics
- theoretical and practical objections to machine ethics
- impact of machine ethics on society

## Submission Information

Potential participants are requested to submit either a full technical paper (not exceeding 5000 words) or a brief statement of interest (not exceeding 1000 words). Also invited are proposals for panels that state one or more fundamental issues/questions concerning machine ethics and take a stand on them supported by cogent arguments. Send submissions via email attachments to [anderson@hartford.edu](mailto:anderson@hartford.edu). Further information regarding the symposium can be found at <http://www.MachineEthics.org>.

## Important Dates

May 2, 2005	Papers/Statements of Interest due
May 23, 2005	Accept/decline notices sent
September 16, 2005	Invited participants registration deadline (tentative)
November 3-6, 2005	AAAI Fall 2005 Symposium Series at the Hyatt Crystal City in Arlington, Virginia

## Organizing Committee

Michael Anderson (co-chair), University of Hartford ([anderson@hartford.edu](mailto:anderson@hartford.edu))  
Susan Leigh Anderson (co-chair), University of Connecticut ([susan.anderson@uconn.edu](mailto:susan.anderson@uconn.edu))  
Chris Armen (co-chair), Trinity College ([chris.armen@trincoll.edu](mailto:chris.armen@trincoll.edu))

*Sponsored by the American Association of Artificial Intelligence in cooperation with the IEEE Society on Social Implications of Technology, the National Science Foundation, and the Machine Ethics Consortium.*





IEEE

Date: 12-APR-05 12:15:25  
 SOCIETIES & COUNCILS  
 Current Period: MAR-05

Page: 1

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

NET SURPLUS (DEFICIT)

EXPENSE

INCOME

NAME	YEAR TO DATE		YEAR TO DATE		YEAR TO DATE		YEAR TO DATE	
	ANNUAL BUDGET	ACTUAL	ANNUAL BUDGET	ACTUAL	ANNUAL BUDGET	ACTUAL	BUDGET	ACTUAL
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PERIODICALS	181.5	92.2	128.5	28.4	53.0	63.7	76.3	-12.6
NEWSLETTERS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NON PERIODICAL SALES	0.2	0.0	1.1	0.3	-0.9	-0.3	-0.1	-0.2
MEETINGS/ CONFERENCES	38.9	0.0	-21.1	0.0	60.0	0.0	-0.5	0.5
GRANTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION	0.0	0.0	99.5	15.4	-99.5	-15.4	-15.5	0.1
COMMITTEE/OTHER	0.5	0.0	16.5	3.7	-16.0	-3.7	-3.8	0.2
TOTAL	221.1	92.2	224.4	47.9	-3.3	44.3	56.4	-12.1

# Publications Committee Report Attachments

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

IEEE SSIT Board of Governors Meeting  
April 30, 2005

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

### 1. *Technology and Society* magazine

Twenty-three papers were submitted for regular issues of T&S in 2004 (including one overflow paper from ISTAS'03). Of these, three were rejected without review, six were rejected after review, five were given "revise and resubmit" responses, seven were accepted with revisions, and one was accepted as an unreviewed feature; one other is still under review. Nine papers have been received to date in 2005.

Plans for future issues:

June 2005	Regular issue (in progress)
September 2005	ISTAS'04 special issue (in progress)
December 2005	Regular issue
March 2006	Building the 'Middle East': Engineers and Engineering Education in Bahrain, Egypt, and Turkey (in progress)
June 2006	Regular issue
September 2006	ISTAS'05 special issue (planned)
December 2006	Regular issue
March 2007	Security and Usability (pending approval; see attachment)

### 2. Electronic newsletter

The next e-newsletter will be issued in early May. 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.

Anyone with items, conference announcements, etc. for the e-newsletter, should send them to Karl Perusich as soon as they become available. Also, any items like awards and IEEE SSIT fellows can be included.

### 3. Special issue proposal

Attached is a proposal for a special issue of T&S magazine, "Security and Usability." On one day's notice, three members of the Publications Committee reviewed the proposal, and we strongly recommend approval.

1. Special Issue Title: Security, Usability and Autonomy

2. Brief overview of topic (1-2 paras will do)

As the popularity and prevalence of e-commerce transactions increased so have the malicious and fraudulent activities. What are the social and organizational issues that underlie this increase in fraud with no apparent increase in user self-protection? Do security technologies enable and support end user autonomy and security? What is the perceived and actual interaction between security technologies and end user protection?

As the technologies of fraud have become more sophisticated, it has become increasingly difficult to judge whether a site is trustworthy. Increasingly complex security protocols and educational proposal (e.g., users must understand the implications of an untrusted certificate authority) appear undiffused, unused and therefore unable to prevent the most simple masquerade attacks on the Internet.

3. List of prospective invited authors and a draft call for papers

Prospective invited authors:

Angela Sasse

Lorrie Cranor

Yvonne Rogers

Rebecca Wright

Barbara Simons

Sean Smith

Paul Dourish

Ross Anderson

Kay Connelly

4. Bio:

Jean Camp is an Associate Professor at the School of Informatics, Adjunct Professor of Telecommunications, and an Adjunct Professor of Computer Science at Indiana University. Currently, she is on leave as Associate Professor of Public Policy at Harvard.

Jean Camp is a pioneer in the interdisciplinary study of trust and design for values. Professor Camp joined Informatics after becoming an Associate Professor at Harvard's Kennedy School of Government. At the Kennedy School she founded the information technology policy group, which has become integrated into a collaborative effort across multiple schools for the study of design and values. She has been also affiliated with the Program for Internet and Telecoms Convergence for nearly a decade. While at Harvard she was affiliated with the National Center for Digital Government. Her first book, *Trust and Risk in Internet Commerce*, was the first to propose the now widely-used definition of trust as including privacy, reliability and security. Her early work on technical trust in social context included examination of technical and policy conflicts between dimensions of trust in e-commerce, libraries and in information searching. Her concepts of trust in research have been built upon spatial metaphors and she is working on developing mechanisms for placing trust into social context.



## Call for Papers: Security and Usability

As fraud explodes the increased failure of the diffusion, adoption and use of security technologies becomes an ever more urgent research question. The IEEE Society on Social Implications of Technology has an interest in expanding the understanding of the interaction of the human element, and the range of security and privacy technologies. We invite papers on usability of security systems and security as a socio-technological phenomena that expand the understanding of security, user self-protection, and fraud.

Technology and Society seeks submissions for peer review on the topic of Security and Usability, defined broadly. Original research papers on the following topics are sought:

- Usability analyses of security technologies
- Design for usability in security
- Theories of design applied to security
- Studies of human-computer trust
- Socio-technical examinations of reputation systems
- Empirical studies of user behavior in password sharing and phishing environments
- Theoretical models of usability and security
- Incentives embedded in security technologies
- User models and their implications for security technologies
- Value-sensitive design of security systems
- Personal practices in data protections
- Risk models of end users
- Real world applications analysis
- Human factors analysis in security
- Novel interface designs for existing security systems
- Trust-building systems for online interaction

IEEE Technology & Society is a quarterly journal published by the IEEE Society on Social Implications of Technology. Peer-reviewed publications in the IEEE S&T are available in the IEEE on-line library Xplore.

Papers sought for the March 2006 issue.

Deadlines

For submission

Expected reply

For revisions as needed

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

Please submit papers by sending a pdf document to [ieee\\_tands@ljean.com](mailto:ieee_tands@ljean.com)

# Conference Report Attachment

To: Clint Andrews, Brian O'Connell  
From: Bobby Brody

I know that a possible theme relating to scholarly publishing and open access has been proposed but this seems such a common theme these days at many conferences. I am prepared to proceed with that theme, should that be the decision of the BOG; however, I wish to present the following for consideration:

**Potential Theme: Usability – Social Implications, Assumptions and Impacts**

Usability refers to the ease of a product or service. A commonly used term when referring to software design and web access, it might be said to encompass or include human factors engineering, usability engineering, usability testing, and user-centered design. The term usability is used widely in conference papers in many IEEE Societies and in IEEE Standards development when referring to a wide variety of products and topics, including the voting machine standards that have been of interest to SSIT members in recent months. Concern for usability of its own products and services was exhibited late in 2004, when IEEE engaged a team to examine the usability of its web presence, the results of which were presented to the IEEE Publications, Services and Products Board in November 2004.

**Potential Cooperation:** New York City Chapter of Usability Professionals Association, NYC Chapter of the Association of Computing Machinery's SIG CHI (Special Interest Group: Human Computer Interaction). Both of these organizations are largely (but not entirely) focused on communication and information technologies. Other local organizations with broader human factors engineering concerns would be sought as well.

**Potential Competition:** the Usability Professionals Association holds an annual conference in June or in July every year. In 2006, they will hold their conference in June in Denver CO. There does not appear to have been an IEEE conference devoted entirely to the social implications and cultural assumption implied in usability, though it is often a sub-theme in conferences.

# Distinguished Lecturer Program Committee Report Attachments

## SSIT Distinguished Lecturer Program

The program currently has four active lecturers:

Clint Andrews – Is the Hydrogen Economy a Good or Bad Idea?

Energy Security – Is It Worth Fighting For?

Public Roles for Technical Experts

Ken Foster – What Makes Technology Work?

Health Effects of Mobile Phones

The Precautionary Principle: Commonsense or the Devil's Handwork?

Ethics and the Brain: Ethical Implications of the New Lie Detection

Technologies

Joe Herkert – Engineering Ethics

Ray Larsen – Engineering Ethics

Walt Elden requested to be removed from the lecturers list. Karl Perusich (proposed topic: Information in Warfare), Swamy Laxminarayan (proposed topics: Information Technology Issues in Medicine and Health Care; Medical Informatics and Knowledge Management; Biomedical Information Engineering; Telehealth and Telemedicine in Rural Geography) and Brian O'Connell (proposed topics: Ethical and Legal Issues in Computing, Artificial Intelligence and Robotics; Professional Responsibility in Computing and Engineering; Computer Ethics Education) have volunteered to join the list of lecturers.

Currently the program is available to all IEEE entities and we do not subsidize the program.

## Recommendations

1. We continue to offer the program to all IEEE entities.
2. We publicize the program, using the web page, the newsletter and T&S Magazine.
3. We add the three additional volunteer presenters.
4. We budget a fund to be used to subsidize travel expenses. This fund would be used to supplement a lecturer's funds from other sources when needed. I recommend starting the fund with \$2000.