

MAIN PROGRAM

IEEE International Symposium on Technology and Society

June 27-29, 2013 | Toronto, CANADA

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ISTAS'13

JUNE 27-29, 2013
TORONTO, ONTARIO, 🍁 CANADA

IEEE INTERNATIONAL SYMPOSIUM ON TECHNOLOGY & SOCIETY

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The banner features a collage of images. At the top left, the text 'ISTAS'13' is displayed. Below it, a row of six small portraits shows various individuals. A central white box contains the dates 'JUNE 27-29, 2013' and the location 'TORONTO, ONTARIO, 🍁 CANADA'. Below this, another row of seven small portraits is shown. A white box with the text 'IEEE INTERNATIONAL SYMPOSIUM ON TECHNOLOGY & SOCIETY' is positioned below the portraits. At the bottom left, a black button with the text 'READ MORE' is visible. The background of the banner is a wide-angle photograph of the Toronto skyline, including the CN Tower, under a blue sky.

Delegates attending this conference MAY be captured photographically by installation art and other featured audio-visual devices which may be continuously recording and photographing the ambient surroundings at ISTAS'13.

Wednesday	Flashmob	Follow #istas13 in Twitter for flashmob location/s	ISTAS Kickoff Event - Exploring sousveillance in a surveillance Society	
Thursday		Presenter	Affiliation	Engineering Infrastructure
8.00 AM	Registration	All delegates	University of Toronto	Hart House - University of Toronto
9.00 AM	Welcome	Laura Jacob	IEEE SSIT President	The IEEE Society on the Social Implications of Technology (SSIT)
9.10 AM	Welcome	Farid N. Najm	ECE, UoFT	Department of Electrical and Computer Engineering, University of Toronto
9:20 AM	Welcome	Ryan Janzen	Eyetaq Laboratory, UoFT	Organising Chair Welcome, Program
9.30 AM	Session Chair	Katina Michael	University of Wollongong	Program Chair, IEEE Technology and Society Magazine (Editor-in-Chief)
9.35 AM	Invited Speaker	Amber Case	ESRI R&D	Cyborg Anthropology and the Future of the Interface
10.00 AM	Keynote Speaker	Steve Mann	University of Toronto	Veillance and Reciprocal Transparency
10.30 AM	Keynote Speaker	Ray Kurzweil+	Google Inc.	Early in the 21st Century, Intelligence will Underlie Everything of Value
11.00 AM	Morning Tea	Morning Tea	Morning Tea	Morning Tea
11.30 AM	Session Chair	Jeremy Pitt	Imperial College London	IEEE Technology and Society Magazine (Associate Editor)
11.35 AM	Keynote Speaker	Marvin Minsky	MIT	The Society of Mind
12.05 PM	Keynote Panel	Minsky Kurzweil Mann	MIT Google Inc UoFT	The Society of Intelligent Veillance
12.30 PM	Lunch	Lunch	Lunch	Lunch
1.20 PM	Session Chair	Simon Randall	Autographer	Gala Patron
1.30 PM	Invited Speaker	Cathal Gurrin	Dublin City University	Lifelog Semantics from Wearable Computing
2.00 PM	Plenary Speaker	Martin Kallstrom	Memoto	The Design of a Lifelogging Camera
2.30 PM	Plenary Speaker	Monique Morrow	CISCO	Wearable Computing and Security Implications
3.00 PM	Afternoon Tea	Afternoon Tea	Afternoon Tea	Afternoon Tea
3.30 PM	Session Chair	Linda Theron	Salon Voltaire, KI Group Consulting	
3.35 PM	Invited Speaker	Thad Starner	Google Inc	Lowering Barriers with Google Glass
4.05 PM	Invited Speaker	Emil Petriu	Ottawa University	Bio-Inspired Solutions for Intelligent Android Perception and Control
4.35 PM	Invited Speaker	Jean-Gabriel Ganascia	University Pierre and Marie Curie	Connecting Memory Extensions to Internal Memory
7.00 PM	Gala Event	Cocktail Evening	Patron: Streamfolio Pty Ltd	Press / Patrons / Exhibitors / Keynote / Invited / Plenary Speakers only

Friday	Assistive/Usability AR Apps Build	Lifelogging Design mHealth	Design HDR Methodology	UbiComp Social Networking Open Data
28 June	Room One	Room Two	Room Three	Room Four
8.55 AM	<i>Session Chair - Douglas Baldwin</i>	-	-	-
9:00 AM	Daniel Kish - World Access for the Blind	-	-	-
9:30 AM	Ann Cavoukian - Information & Privacy Commissioner, Ontario	-	-	-
10:00 AM	Blair Falkinson - Toronto Police Service	-	-	-
10:30 AM	Morning Tea	Morning Tea	Morning Tea	Morning Tea
11.00 AM	<i>Session Chair - Stephen Lake</i>	<i>Session Chair - Gary Beirne</i>	<i>Session Chair - Peter Bugaj</i>	<i>Session Chair - Alexander Hayes</i>
11:00 AM	Anna Jen - EPSON	Niamh Caprani - Dublin City University	Clint Zeagler - Georgia Tech	Marcus Wigan - Swinburne University+
11:30 AM	Brian Ballard - APX Labs	Stuart Moran - University of Nottingham	Teemu Leinonen - Aalto University	Ellen M. McGee - Ethics Consultant+
12:00 PM	Meron Gribetz - META	Jonathan Polak - University of Toronto	Chirag Variawa - University of Toronto	Rami Albatal - Dublin City University+
12:30 PM	Lunch	Lunch	Lunch	Lunch
1:30 PM	<i>Session Chair - Günter Alce</i>	<i>Session Chair - Chris Dancy</i>	<i>Session Chair - Bradley Kjell</i>	<i>Session Chair - Stephanie Cork</i>
1:30 PM	Ori Inbar - Augmented Reality.org The 3 Laws of Augmented Reality Design: How to design Augmented Reality Application that add value and delight users	Teemu Leinonen - Aalto University Scenarios for peer-to-peer learning in construction with emerging forms of collaborative computing	Jason Huang - University of Toronto High Dynamic Range Tone Mapping Based On Per-Pixel Exposure Mapping	Vaibhav Garg - Drexel University Peer-produced Privacy Protection: A Common-pool Approach
2:00 PM	Helen Papagiannis - Infinity AR Inc. Ambient Intelligence & Information Interactions: Theorizing Autonomies and Awareness for 21st Century Society - A Technology-People Balance	Clint Zeagler - Georgia Tech Electronic Textile Interfaces	Tao Ai - University of Toronto Comparametric HDR (High Dynamic Range) Imaging for Digital Eye Glass, Wearable Cameras, and Sousveillance	Chris Gray - Uni. California Santa Cruz Social Media in Conflict: A Comparison of military and social movement technocultures in Egypt, Spain and the United States
2:30 PM	Kevin Kee - Brock University Training the Next Generation of AR Developers	Tom Gurion - Bar-Ilan University Audio-only augmented reality system for social interaction	Nancy Paterson - OCAD University Veillances: protocols & network surveillance	Pete Wassell - Augmate Google Glass: By the numbers
3:00 PM	Afternoon Tea	Afternoon Tea	Afternoon Tea	Afternoon Tea
3:30 PM	<i>Session Chair - Gene Becker</i>	<i>Session Chair - Joseph Herkert</i>	<i>Session Chair - Terri Bookman</i>	<i>Session Chair - Alexander Hayes</i>
3:30 PM	Corey Manders - A*STAR Moving Surveillance Techniques to Sousveillance: Towards Equiveillance using wearable computing	Luis Kun - Hemispheric Defense Studies Healthcare & Public Health: Perspectives on Wearable Computing, Augmented Reality and the Veillances	Megan Boler - University of Toronto DIY & Maktivism: Tinkering Towards Better Worlds	Mohammed Al-Kahtani - Salman bin Abdulaziz University+ Ubiquitous Computing for Teenagers: A new Perspective on Child-Computer Interaction

4:00 PM	Alex Chen - University of Toronto Augmented Reality system based on 3D camera selfgesture sensing	José L. Monteagudo - Instituto Salud Carlos III+ Ambient Assisted Living technologies and their social implications: a perspective from Europe	Isaac Record - University of Toronto Ambient Assisted Living technologies and their social implications: a perspective from Europe	Jennifer Heath - University of Wollongong+ A Privacy Framework for Secondary Use of Medical Data
4:30 PM	Rob Manson - Mob-Labs The future is un-real	Ricardo L. Armentano - University Favaloro Wireless platforms for the hemodynamic monitoring of the elderly patient	Christine Perakslis - Johnson & Wales University - Providence Millennials' Increasing Openness to Microchip Implants in Humans: A Confluence of Factors	Pia Waugh - OpenGov Advocate+ The Democratic Singularity
5:00 PM	Ariel Garten - Interaxon Interaxon: Taking BCI to the Masses	Amir Aryani - RMIT University, Australia Identity Awareness of Research Data in Veillance & Social Computing	Andrea Zariwny - University of Toronto Visuo-Haptic Learning of the Cochlea: Using physical optical glyphs with Augmented Reality	Leigh Blackall - Latrobe University+ An Ethical Framework for Ubiquitous Learning
5:30 PM	Exhibits	Exhibits	Exhibits	Exhibits
6:00 PM		Industry Panel	TBA	TBA
7:00 PM	Banquet	Gordon Bell - Microsoft	Banquet Keynote Speaker	All Delegates

Saturday	Transparency Social Implications Health Law	Ambient Intelligence Location Sensors Drones	Sousveillance Surveillance
29 June	Room One	Room Two	Room Three
8.55 AM	Session Chair - Chris Hables Gray	Please go to room 1	Please go to room 1
9:00 AM	David Brin+ - Futurist/Author Light: the essence of civilization	-	-
9:30 AM	Natasha Schull - MIT "You are Your Data": Digital Self-Tracking and Algorithmic Subjectivity	-	-
10:00 AM	Jeff Robbins - Rutgers University If Technology is a Dissipative Structure, Bring It On Deserves a Closer Look	-	-
10:30 AM	Morning Tea	Morning Tea	Morning Tea
11:00 AM	Session Chair - Janet Rochester	Session Chair - Jon Dougal	Session Chair - Niahm Caprani
11:00 AM	Jeremy Pitt - Imperial College London Formal Models of Social Processes: Towards a New Science of Institutions	David Crandall - Indiana University Studying the world by mining photo-sharing websites	Mir Adnan Ali - University of Toronto The inevitability of the transition from a surveillance-society to a veillance-society: Moral and economic grounding for

			sousveillance
11:30 AM	Lisa Shay - U.S. Military Academy West Point Beyond Sunglasses and Spray Paint: A Taxonomy of Surveillance Countermeasures	Apu Kapadia - Indiana University PlaceRaider: Virtual Theft in Physical Spaces with Smartphones	Ryan Janzen - University of Toronto Art and Science as co-conspirators in the service and disservice of humanity
12:00 PM	Isabel Pedersen - UOIT Ready to Wear (or Not): Examining the Rhetorical Impact of Proposed Wearable Devices	Larry Schirmer - Illuminating Concepts The Future of Outdoor Media Systems	Raymond Lo - University of Toronto Three Dimensional HDR (High Dynamic Range) Veillance for 3D Cameras Such as Kinect Sensors
12:30 PM	Lunch	Lunch	Lunch
1:30 PM	<i>Session Chair - Cara Morris</i>	<i>Session Chair - Andrew Everitt</i>	<i>Session Chair - Adib Ghubril</i>
1:30 PM	Alex R. Jadad - Toronto General Hospital Will wearable computers and augmented reality enable us to lead healthy and happy lives?	Helen Patricia McKenna - Ambient Ease Ambient Intelligence & Information Interactions: Theorizing Autonomies and Awareness for 21st Century Society - A Technology-People Balance	Sally Applin - University of Kent Watching Me, Watching You. (Process Surveillance and Agency in the Workplace)
2:00 PM	Carolyn McGregor - UOIT Wearable Monitors on Babies: Big Data Saving Little People	Glen Farrelly - University of Toronto Putting Locative Technology In Its Sense of Place	Brenda McPhail - University of Toronto "I'll be watching you": Awareness, consent, compliance and accountability in video surveillance
2:30 PM	Joseph Carvalko - Quinnipiac University Law and Policy in an Era of Cyborg-Assisted-Life	Rutendo Mushore - Univ. of Cape Town Investigating the Factors influencing Information Security Compliance in a Financial Services Firm	Heather Patterson - New York University User Expectations of Privacy in Self-Generated Mobile Health Data
3:00 PM	Afternoon Tea	Afternoon Tea	Afternoon Tea
3:30 PM	<i>Session Chair - Pete Wassell</i>	<i>Session Chair - Susannah Sabine</i>	
3:30 PM	Susan N. Herman - American Civil Liberties Union Governmental and Private Video Surveillance	Joseph Ferenbok - University of Toronto Drones, Bones and Human Meaning Zones	-
4:00 PM	Avner Levin - Ryerson University Waiting for Public Outrage	Shayna Gersher - Carleton University Canada's Emerging Domestic Drone Regulations	-
4:30 PM	Andrew Clement - University of Toronto IXmaps – Tracking your personal data through the NSA's warrantless wiretapping sites	Matthew Schroyer - Drones Journalism Drones for Good	-
5:00 PM	Nikola Serbedzija - Fraunhofer FOKUS Autonomous Systems for Smarties	<i>Go to Room One</i>	Exhibit Close
5.30 PM	Close - Ryan Janzen, Organising Chair	Professor Steve Mann, General Chair	Associate Professor Katina Michael, Program Chair

6.00 PM

Sousveillance Walk

Tour of Toronto with Wearcams - Meet in the atrium at Bahen Centre after last presentation - follow #istas13 Twitter

Note: Program subject to change without notice.

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