Emergent Themes: ISTAS’13 IEEE Symposium

2013 IEEE International Symposium on Technology and Society
‘Smart World: Peoples As Sensors’

DATA PAPER

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ABSTRACT

The ISTAS’13 IEEE International Symposium on Technology and Society ‘Smart World: Peoples As Sensors’ event drew hundreds of delegates from around the world to a three day event at the University of Toronto on June 27-29, 2013. Engineers, academics, science fiction writers, educators, students, journalists and seemingly most of the Canadian technology community attended a range of events, presentations, seminars, panels, debates and a Sousveillance walk across the city. This data paper provides emergent themes and topics that have evolved from articles and blog posts provided for delegates as a means to contextualise the event and inform the public of development in this domain.

KEYWORDS

IEEE, symposium, conference, smartworld, sensor, technology, policing, privacy, glass, Canada, themes
INTRODUCTION

The following statement prefaces the ISTAS’13 Proceedings:\footnote{Available at https://archive.org/details/istas13_proceedings}:

“...Policing today has become a high-tech affair; especially in the provision of incident event tracking and reporting systems increasingly being used to provide evidence in a court of law. These in-car video (ICV) and body worn recording systems are said to increase convictions and eliminate false claims made by defendants, providing documentary support to police officers and their associated actions in an incident. But today, new technologies such as smart phones equipped with cameras and global positioning system chipsets can also be found in the hands of the everyday citizen, used to capture everyday happenings and distributed to social networks with global reach. It is argued that the traditional notion of community policing has been turned on its head—no longer strictly a strategy followed by police in positions of power in specific neighbourhoods, but a type of policing that has found itself in the hands of the general public. The Vancouver Riots and London Riots of 2011 demonstrated the complexity of the new 3G mobile environment as thousands of images and video were recorded by police, protesters, perpetrators, and innocent bystanders. Telecommunications operators and service providers declared that they would collaborate with local police forces insofar as regulations allowed, and police called on citizens to act as informants to contribute images and video toward law and order. The potential for real-time criminalization based on identity, location and video footage has been discussed as a plausible response by police using crowd-sourced surveillance, and crowd-sourced sousveillance techniques. With the proliferation of covert surveillance technologies the stage is set for a re-evaluation of existing laws and practices.”
THEMES

The IEEE International Symposium on Technology and Society ‘Smart World: Peoples As Sensors’ ISTAS’13 event archive\(^2\) contains a wealth of information and a comprehensive account of this important occasion in history, captured in archive format and neatly summarised. Likewise the ISTAS’13 event website\(^3\) which was the active location online for all activities prior to, during and after the event provide an overview of the sheer immensity of notable speakers, invited dignitaries, special guests. The event website was originally published in 2013 under the domain [http://www.veillance.me](http://www.veillance.me) and the event archive in IEEE created in 2014. The event website has been re-accessioned in 2017 and is published under a differing domain to preserve sound recordings, photographs, video and other documentation for hansard and historical purposes.

During the 2012 -2013 preparation phase for the event Professor Katina Michael (Program Chair), Professor Steve Mann (General Chair) and PhD candidate Alexander Hayes (Publicity Chair, Website Developer) wrote and published 187 articles / blog entries across a wide range of topics in order to capture, retain and manage contemporaneous and contextual themes explored during this event. Each entry was categorised (multiple) using topics and the authors also had the ability to add ‘tags’ or keywords with their corresponding entry. This data paper provides a summary of the emergent themes that evolved from this online publication, generated and arranged as tag clouds.

1. Themes > Category > A to Z > 100 tags;
2. Themes > Tags > A to Z > 100 tags;
3. Themes > Tags > Weight > 100 tags;
4. Themes > Tags > Activity > 100 tags

\(^2\) Available at [https://archive.org/details/istas13_proceedings](https://archive.org/details/istas13_proceedings)
\(^3\) Available at [http://www.istas13.com](http://www.istas13.com)
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AI apps ar AR art audio augmented augmented_reality body_worn_video brain camera cameras capture cctv children citizens computing consequences control convenience court creativity cyborg data data-mining death design drone drones education ethics evidence evolution eye eyetap fashion freedom future glass glassage glasses google google_glass health history human implants implications innovation intelligence interaction interface internet law learning life lifelogging mann media medical memoto mobile monitoring photographs point-of-eye point-of-view police policing pov power predictions privacy public reality record recording research rights safety security sensors sharing singularity smart smartphones social social_implications society sousveillance surveillance teaching technology tracking UAV uberveillance video war wearable wearable_computing wearables
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