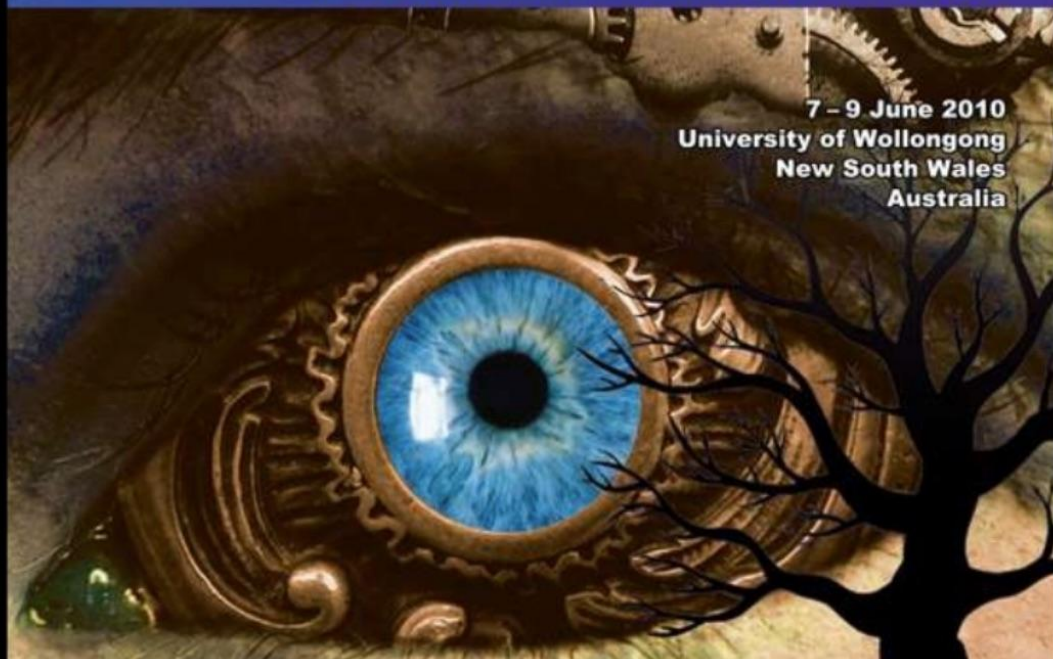


ISTAS2010

2010 IEEE International Symposium on
Technology and Society

Social Implications of Emerging Technologies

7 - 9 June 2010
University of Wollongong
New South Wales
Australia



alexanderhayes



Google
SoSo
Excite
Lycos
Yahoo
Bing
Ask
AOL

Flickr
Delicious
Jabber
Skype
Secondlife
TokBox
Wordpress
Facebook
Linkedin
Wikispaces

Date of Notification of Acceptance • 1st June 2010

Estimated Date Of Completion • July 2013

Organisation • University of Wollongong, Australia

Degree • Doctor Of Philosophy

Department | School • Information Systems & Technology

Faculty | Strength • Informatics | IIBSOR

Supervisor • Katina Michael - Associate Professor, School of Information Systems and Technology, University of Wollongong, Australia

Co-supervision • Teemu Lienonen – Professor, New Media Learning & Design, Alto University, Helsinki

Problem Under Investigation

“.....The rapid uptake of body worn, location enabled, mobile network accessible solutions for rich media creation and connection in extreme sports, military and medical sectors is now also challenging the mobile learning / distance education stereotype.

The re-purposed application of these technologies in the education & training sector is now opening up new domains for connecting learners with educators, which in turn poses substantial challenges for organisations as they grapple with the implications that this technology imbues.”

Focus

This participatory research will engage a diverse array of organisational, development and community user groups from the Australian education sector in critical and investigative research of learning settings where it is critical or desirable to:

- remain hands free;
- have the ability to record evidence using rich media;
- be remotely accessed / connected to trainers and assessors in the field as a desirable service delivery attribute;
- submit data sets that accompany the 'human' connection as a validation of participation in a learning experience;
- augment existing available authenticated sources for an individuals prior learning (experiential) validation

Steve Mann's "wearable computer" and "reality mediator" inventions of the 1970s have evolved into what looks like ordinary eyeglasses.



http://en.wikipedia.org/wiki/Steve_Mann



Sous
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Source: Wikipedia →

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Our goal is to make this Community Page the best collection of shared knowledge on this topic. If you have a passion for **Sousveillance**, [sign up](#) and we'll let you know when we're ready for your help. You can also get us started by suggesting the [Official Facebook Page](#).

Description

From Wikipedia, the free encyclopedia

Sousveillance and **inverse surveillance** are terms coined by Steve Mann to describe the recording of an activity from the perspective of a participant in the activity, typically by way of small portable or wearable recording devices that often stream continuous live video to the Internet.

Inverse surveillance is a subset of sousveillance with a particular emphasis on the "watchful vigilance from underneath" and a form of surveillance inquiry or legal protection involving the recording, monitoring, study, or

7 People Like This

<http://www.facebook.com/pages/Sousveillance/108485019175796>



Flickr | Dr. John2005

A young child, seen from behind, stands on a red brick sidewalk looking into a glass door. The child is wearing a dark blue jacket, blue jeans, and a light-colored knit beanie. The glass door has a white rectangular sign with rounded corners. The sign contains the text: "In the interest of safety this shopping centre has 24 hour video surveillance". The floor inside the door is made of grey tiles, and the floor outside is made of red bricks.

In the interest of safety
this shopping centre has
24 hour video surveillance





<http://www.moblog.co.uk/blog/mobdeady>



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Projects: New Practices in Flexible Learning 2004: Txt Me: supporting disengaged youth using mobile technologies

About



The project recognises that mobile phone use has become a pervasive communication tool among youth culture, and has aimed to develop recommendations and guidelines for VET providers on using this communication technology to support a sustainable learning culture with disengaged youth. Specifically, the project sought to find new ways to engage, motivate and sustain lifelong learning skills for these learners.

The project tested the hypothesis that m-learning strategies and mobile phone technology motivates and supports the retention of disengaged youth in learning programs and facilitates the development of lifelong learning skills through supporting collaborative, networked learning environments.

The overall goal of the project was to integrate readily accessible mobile technology into a vocational learning environment for the benefit of disengaged learners.

Video footage

Hear two video clips about the project:

[Download a video overview of the project - clip 1](#)

[Read a transcript of the video](#)

[Download a video overview of the project - clip 2](#)

[Read a transcript of the video](#)

Who is it for?

<http://pre2005.flexiblelearning.net.au/projects/txtme.htm>



<http://www.flickr.com/photos/edupov/3791309727/sizes/o/in/set-72157621827913797/>

Geoff Lubich

“Two thousand miles away from the workshop,
an automotive teacher watches through the eyes
of his young apprentice as he finishes
assembling a part for a new BMW M6 coupe and
completes a relevant audio assessment through
the full duplex wireless audio system....”

Quote | Geoff Lubich
Camera Glasses Article
2007



Photo courtesy of Geoff Lubich
Attribution | TAFE WA Pilbarra



Photo courtesy of Geoff Lubich
Attribution | TAFE WA Pilbarra
Karratha, Western Australia

TAFE's \$2m take on library of the future

DAVID KILICK

BACK when the dinosaurs roamed the earth it could have been called a library, but then dinosaurs did not have wifi, iPods and broadband.

Education Minister David Rutledge opened TAFE Tasmania's futuristic \$2 million learning facility yesterday — via, appropriately enough, an interactive computer game, which promptly crashed. A second attempt worked.

The Learning Centre, at TAFE's Campbell St campus, is a cross between a library, an internet cafe and a stylish lounge room.

"This learning facility builds on the old concept of a library, it embeds technologies so students can wander in with their own laptop, their own iPod and gain access to the information via the network that they need," Mr Bartlett said.

"This is an excellent example of the type of learning spaces and the facilities that I want

"I want more courses delivered in more flexible ways in more locations than ever seen before in Tasmania," he said.

"I think young people today have very different learning styles, we need to build very different learning facilities that have appeal for all young Tasmanians and that will be part of the solution of engaging young Tasmanians in further education."

Julie Carroll, who managed TAFE's Learning Centre project, said: "It's the direction that libraries are all moving in — libraries will become this. It's what libraries in the 21st century will need to look like."

"The feedback is that students are voting with their feet — the levels of usage and the hours of usage are vastly improved on before."

One thing missing was the stereotypical hunched librarian, she said, adding: "There has to be a space for that sort of quiet stuff, but there's

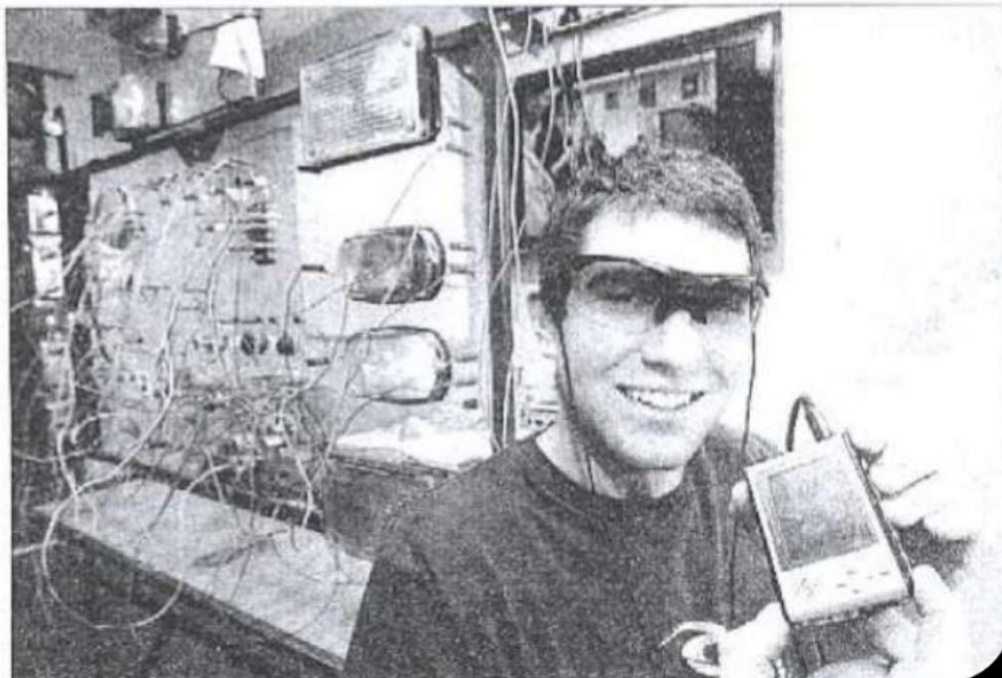


Photo courtesy of Geoff Lubich
Article | Tasmanian Mercury
August 2nd, 2007



Image | source unknown
FLNW – TALO Group 2006

Geoff Lubich



Alex Hayes



Leo Gaggl



Craig Lubich



Wearable POV Equipment



Video Portfolios



Web Conferencing



Web Streaming



AUPOV  09



Brian Mobbs
Refrigeration Mechanic Teacher
TAFE NSW - Sydney Australia



<http://www.flickr.com/photos/stephanridgway/4369571482/>

Image | Stephan Ridgway
Hairdressing Unit
TAFE NSW
Sydney Australia 2010



Flickr | Tag : edupov

Richard Ross
Carpentry Teacher , TAFE NSW – Mudgee, Australia



Michael Coghlan
New Learning

E-learning Consultant
Adelaide , SA Australia

Flickr | mikecogh





 THIS IS A TEST VIDEO.
TAKEN WITH A SET OF

 **CONTOURHD GOOGLES**
THIS IS A TEST OF THE
GOOGLES MOUNT FOR A

 **EDUFOV09**
VIDEO TAKEN AT THE
AUPOV09 CONFERENCE

 **WEDDING SPEECHES**
VIDEO FROM JANE ROGAN
AND ALEX HAYES

LEAVECLEAVEWEAVE
VIDEO FROM JANE ROGAN
AND ALEX HAYES
WEDDINGS HELD IN

PIPED ENTRANCE
VIDEOS FROM JANE
ROGAN AND ALEX HAYES
WEDDINGS HELD IN

ONLINE INDUCTION: A
[HTTP://NSWINNOVATIONS.
WIKIPLACES.COM/ELEARN
ING+09+RESOURCES](http://nswinnovations.wikiplaces.com/elearning+09+resources)

ELEARNING @ SYDNEY
DIGITAL STORY CREATED
FOR THE TAPE NSW
AND THE COURSE

Image | Blip.TV | 2009
Stephan Ridgway
Road testing ContourHD Vholdr Camera



http://farm4.static.flickr.com/3031/2955880151_6566c70784.jpg?v=0

Flickr | Downes

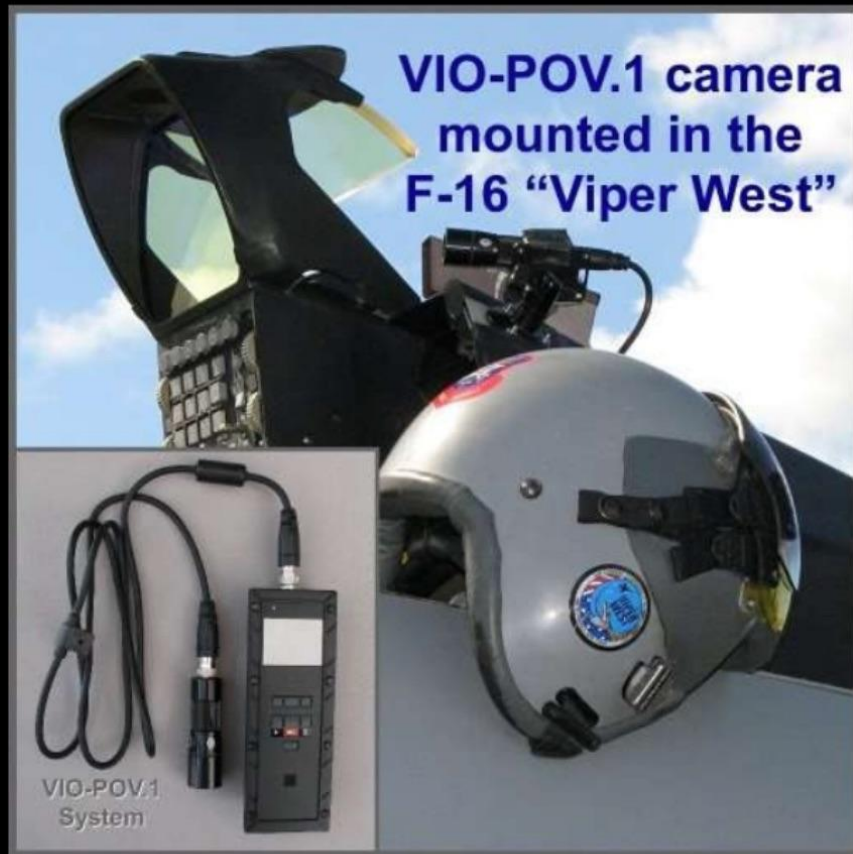


Flickr | EDUPOV



<http://tachyoninc.files.wordpress.com/2009/03/picture-051.jpg?w=450>

Tachyonic



<http://www.kbvp.com/photo/vio-pov.1-aerobatic-cockpit-video-camera-mount-method-instructions-f-16>



Image | roadhawk.co.uk





GoPro at NAB 2010





Chat to viewer

Name	Status	Time
reuters reuters	No talk	0:2:51
reuters reuters	No talk	0:1:50

Start Chat

Stop Chat

Start Broadcast

Stop Broadcast

Back

Player



Pause

Stop



On

Audio Chat

Logitech QuickCam





Image : <http://www.berlingske.dk/billeder/med-forsvarschefen-i-afghanistan>



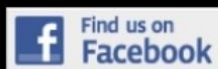
Image : <http://theviovoice.vio-pov.com/wp-content/uploads/2009/11/mil.jpg>



- Unlimited number of cameras
- Unlimited number of locations
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- Multiple security levels
- Manage from any location

Image http://darimcctv.com/darim_in_surv

PVE400



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Location as learning validation.

Anywhere
Always
Anytime
Access



AAAA