



**WELCOME**

to Royal Institute of Technology (KTH)'s international seminar

# **“Eyes & apps on the streets: From natural surveillance to crime sousveillance”**

An international seminar on social control in the digital era



8th September 2017



# **Vania Ceccato, chairman**

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**School of Architecture and the Built Environment**

**Royal Institute of Technology (KTH)**



# Past seminars

**2017 – Seminar on social control in the digital era**

2016 – Retail crime: International evidence and prevention

2015 – Finance, harm and white collar crime

2014 – Rural crime and community safety

2013 – Safety in transit environments

2010 – Security matters! Urban crime, fear and contemporary social order

2008 – Crime and safety in the Baltic countries



**“Eyes & apps on the streets:**

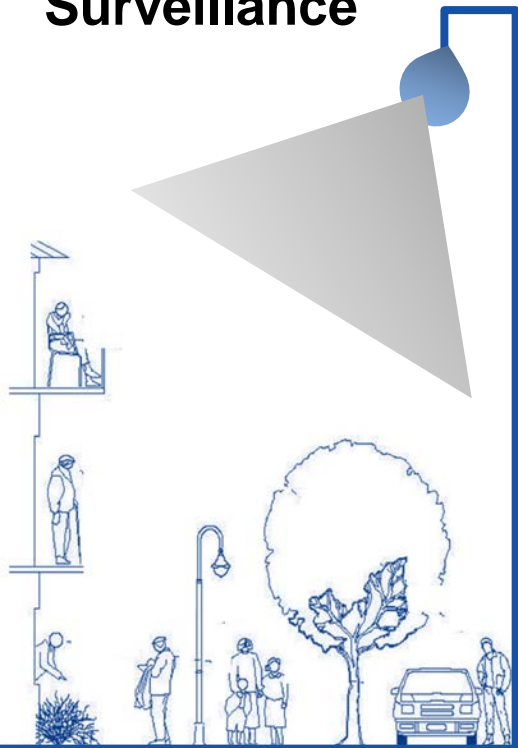
**From natural surveillance to crime sousveillance”**

**An international seminar on social control in the digital era**

**Why care about it?**

# Social control

## Surveillance

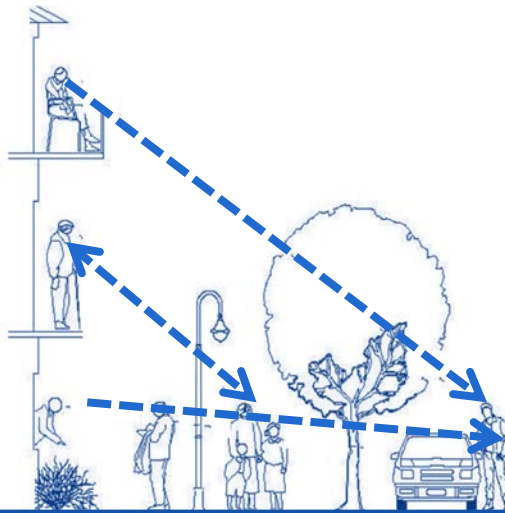


'watched from above'

CCTV

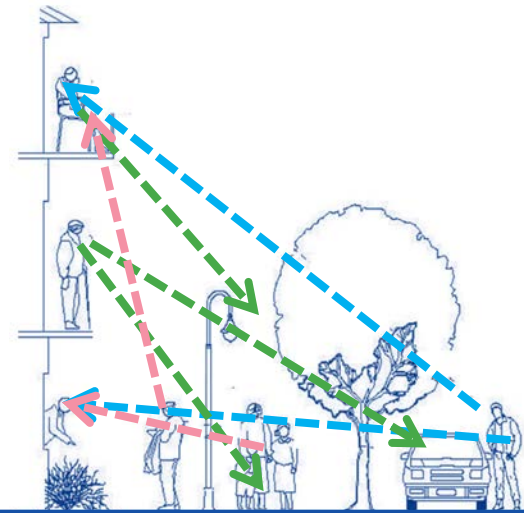
Panoptic aerial view

## Natural surveillance



'eyes on the streets'

## Sousveillance



'watched from below'

Multi-sensors: Apps, Mobile phones,  
Body worn cameras, etc



# Re-conceptualization of surveillance: From eyes on the streets to *apps* on the streets

Based on:

N= 5210  
Entries

Small sample  
User survey



	<b>Eyes on the streets</b>	<b>Apps on the streets</b>
<b>1.Type of activity</b>	Natural surveillance	Sousveillance
<b>2. Basic requirements for action</b>	Presence and availability lead to potential action	No need to be present. app & smartphone in hand.
<b>3. Level of responsibility</b>	Personal/assigned	Diffuse/general
<b>4. Senses</b>	Visual real time, auditory, all senses	Visual remotely, touch the screen
<b>5. Status of action (engagement/neglect)</b>	Immediate and known by the group	Not known by the group
<b>6. Scale</b>	Uniscale (Local to local), asymmetrical	Multiscale (Local, global, global to local) information is added & spread remotely, symmetrical
<b>7. Common environment</b>	'Context dependent', Micro environments, e.g. windows, façade	Meso-macro context, street, neighbourhood but also 'context irrelevant'
<b>8. Cohesion</b>	More dependent on local social ties	Less dependent on local social ties (?)
<b>9.Access to 'the event'</b>	Time-specific	Priori and posteriori
<b>10. Participation</b>	Imposed by presence, location	Voluntary, at individual and group level



# Aim of this seminar

- to discuss the nature of social control in the digital era and the potential effects that these new technologies may have to crime and crime prevention



# Important questions

- How have these technologies impacted on the way people use public space?
- What does this development mean for the understanding of situational conditions of crime and crime prevention?
- Which are the opportunities and challenges that this technology has to offer?

*To what extent the use of these technologies (and the new practices they impose), 'blur' the accepted roles of crime controllers, offenders and victims?*





# Programme

09:15 - Extending guardianship using surveillance technology	<i>Danielle Reynolds</i>
10:00 - Guardianship – Not too broad, not too narrow	<i>Marcus Felson</i>
<b>10:45 Coffee break</b>	
11:00 - Disrupting crime place networks: The role of surveillance	<i>Tamara Madensen</i>
11:45 - Beliefs about CCTV	<i>Johannes Knuttson</i>
<b>12:30 Light lunch</b>	
13:15 – Body worn cameras as surveillance tool	<i>Elizabeth Groff</i>
14:00 - Real time sousveillance: citizens' live broadcasting of conflicts in public space	<i>Lucas Melgaco</i>
<b>14:45 Coffee break</b>	
15:00 - Mapping the movement of active guardians in time and place	<i>Reka Solymosi</i>
15:45 - The use of ICT to create a “beehive” for data collection and information sharing	<i>Stefan Holgersson</i>
<b>16:30 - Take away messages</b>	<i>Agneta Mallen/Vania Ceccato</i>



The aim of the ***Safeplaces network*** is to improve the knowledge base on situational crime prevention among local actors in Sweden, which can ultimately work towards the creation of safer environments. This aim is achieved by:

- ***Information and knowledge sharing*** – Create an interface between scholars and practitioners by sharing information and research findings among experts involved in local crime prevention, such as safety coordinators, police, security managers, urban planners and other practitioners.

## Plannerade aktiviteter 2017-2018

### ◦ Nationell workshop 2, den 10:e november 2017

#### **"Åtgärder & utvärdering i situationsbaserad prevention"**

TILLBAKA TILL GRUNDERNA MED FOKUS PÅ DAGENS OCH FRAMTIDENS UTMANINGAR



Henrik Andershed (Örebro universitet), Marie Torstensson (Malmö högskola),  
Peter Lindström (Stockholm polis/Malmö universitet) och Vania Ceccato (KTH)

*Fokus ligger på kunskaps- och perspektivutbyte samt gruppaktivitet och många nätverksmöjligheter!*

Fri entré men anmälan krävs. Begränsat antal platser.  
Anmäl dig på <https://www.sakraplatser.abe.kth.se/>



# Welcome

## to KTH course Safety in the making

Spring 2018

### Course' learning outcomes

You are trained to work with crime and safety issues in public environments. You will gain a broad and critical knowledge of the diversity of methods that are at hand and learn from a number of real life examples..



**Welcome  
practitioners**

*"I found all lectures really interesting, covering a broad spectrum of the environmental factor of safety and security. The course gives a basic understanding of the development of the CPTED-methods as well as an international outlook with real life cases."*

*"The course provides you with an insight as to how to consciously create spaces that are good and safe for everyone, no matter their gender, age or interests. Perfect for safety experts, practitioners."*

*"The lecturers were leading scholars and practitioners within the field of work, the literature was enriching and the discussions on the class were uplifting. I highly recommend the course!"*

Enroll now! Limited places, SEK 3.000. Contact [info@sakraplatser.abe.kth.se](mailto:info@sakraplatser.abe.kth.se)



# Questions?

2 User lists

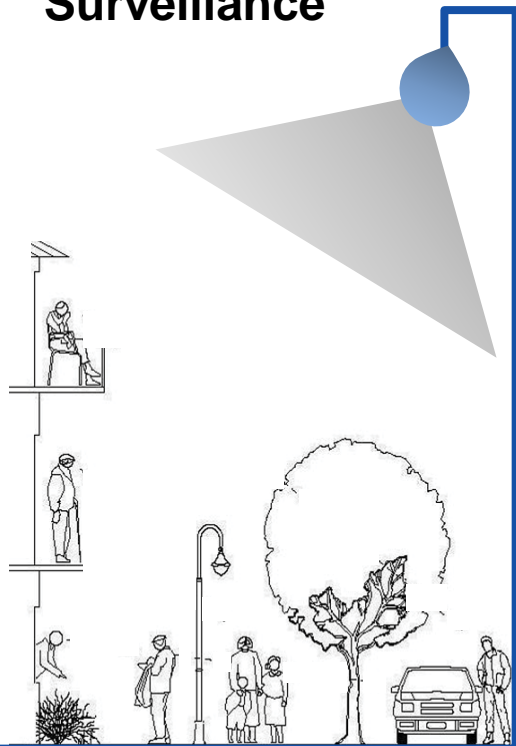
**Säkraplatser UserList (nationell)**



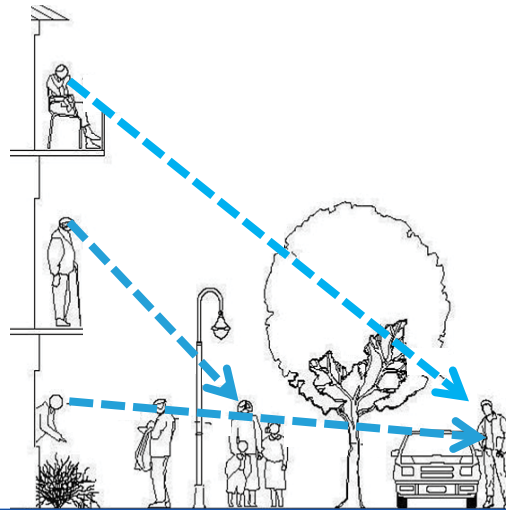
**Transit Crime Research Network (internationell)**



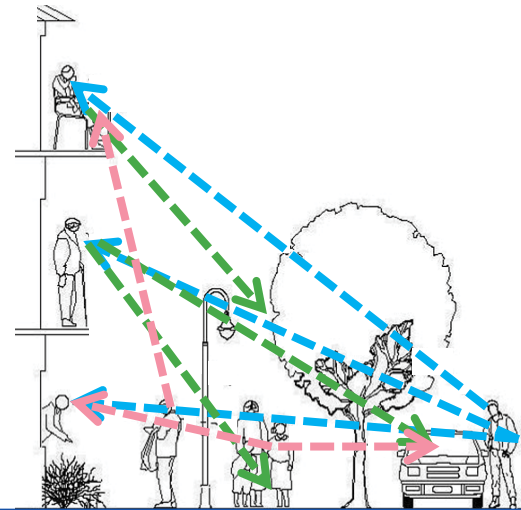
## Surveillance



## Natural surveillance



## Sousveillance



'watching from above'

'watching from below'