

D.4 PARTICIPATION IN AN SMART CITIES EVENT OR ASSOCIATION

JOINT DOCTORATE IN GEOINFORMATICS: ENABLING OPEN CITIES

GRANT AGREEMENT NUMBER 642332 — GEO-C — H2020-MSCA-ITN-2014.

OCTOBER 5TH, 2017

AUTHORS: CHRISTOPH BROX, AURIOL DEGBELO

Within their dissertation projects, each ESR was supposed to attend at least one professional event or forum. The goal had been two-folded:

- To expose ESRs to the non-academic world, get feedback from professionals, and to start creating personal networks
- To disseminate the GEO-C results.

“Attendance” has been ranging from mere attendance of a professional event to actively presenting GEO-C:

- Attendances: 15 events
- Presentations: 6 events
- Workshop conduction: 1 event
- Booth at a fair: 1 event

Please find an overview of the events attended so far. Please find documentations of the events in the annex.

No.	Partner *	Professional events and forums	URL	Date
2.1	UNL	Presentation by Marco Painho at SAS Forum Portugal 2015 “Smart cities and analytics”	http://www.sas.com/pt_pt/events/2015/SAS-Forum-Portugal.html#agenda	10.11.2015
2.2	UNL	Presentation by ESR 10 at SAS Forum Portugal 2016 “Mobility Data Analytics”	http://www.sas.com/pt_pt/events/2016/sas-forum-portugal.html#agenda	27.10.2016
2.3	UNL	Smart Open Lisboa Hackathon, Devanjan Bhattacharya presented OCT for open data.	http://www.smartopenlisboa.com/hackathon-smart-open-lisboa/	1-2 July 2016
2.4	UJI	Attendance at Esri Spain conference 2015 (Fernando Benitez and Manuel Portela)	http://conferencia.esri.es/	4-5 Nov 2015
2.5	UJI	Attendance at Smart City Expo 2015 (All UJI ESR)	http://www.smartcityexpo.com/ca/barcelona	17-19 Nov 2015
2.6	UJI	Attendance at Esri Dev Summit 2015 (Fernando Benitez)	http://www.esri.com/events/devsummit-europe	11-13 Nov 2015
2.7	UJI	Attendance at Design And The City Conference 2016 (Manuel Portela)	http://designandthecity.eu/	25 Apr 2016
2.8	UJI	Attendance at UC -Education Esri Conference (Fernando Benitez)	http://geo-c.uji.es/blog/2016/11/09/geotec-group-and-geoc-uji-presented-several-talks-in-last-esri-spain-user-conference/	26-27 Oct 2016
2.9	UJI	Attendance at Open Smart Cities Summit 2016 (All UJI ESRs)	http://opencitiessummit.org/	5-7 Oct 2016

No.	Partner *	Professional events and forums	URL	Date
2.10	UJI	Attendance at Ouishare Fest (Barcelona) 2016 (Manuel Portela)	http://geo-c.uji.es/blog/2016/11/03/notes-on-ouishare-fest-bcn-the-social-approach-to-smart-cities/	26-27 Oct 2016
2.11	UJI	Presentation at ESRI Spain conference 2016 "CityData 3.0, 'Estrategia para mejorar el uso y la búsqueda de información espacial abierta en las ciudades'" (Fernando Benitez and Diego Pajarito)	http://geo-c.uji.es/blog/2016/11/09/geotec-group-and-geoc-uji-presented-several-talks-in-last-esri-spain-user-conference/	26-27 Oct 2016
2.12	UJI	Presentation at Smart City Expo 2016 "Mobile apps for behavioural modification encouraging green living" (Michael Gould and Diego Pajarito)	http://geo-c.uji.es/blog/2016/12/05/smart-city-expo-perspective-from-geospatial-researchers/	15-17 Nov 2016
2.13	UJI	Attendance at FutureEverything 2016 (Manuel Portela)	http://futureeverything.org/	4 Apr 2016
2.14	UNL	Adeoluwa Akande (ESR02) attended Workshop "Linked Open Data for Beginners: Theory and Practice", Lisbon, Portugal	http://www.dgterritorio.pt/noticias/workshop_linked_open_data_for_beginners_theory_and_practice/	28.09.2017
2.15	UNL	Devanjan presented at Portugal Science and Technology Conference 2017, "GEO-C: Enabling Open Smart Cities through Geoinformatics" ePoster.	http://encontrociencia.pt/home/	3-5 July 2017
2.16	UJI	Attendance at Agile 2016 (Fernando Benitez and Diego Pajarito)	https://agile-online.org/index.php/conference/conference-2016	14-17 Jun 2016
2.17	UJI	Attendance at INSPIRE 2016 (Fernando Benitez)	http://geo-c.uji.es/blog/2016/10/24/geo-c-uji-and-geotec-attending-major-spatial-data-infrastructure-conferences-in-barcelona/	26-30 Sep 2016
2.18	UJI	Attendance at IODC 2016 workshop (Fernando Benitez)	http://opendatacon.org/	04. Okt 16
2.19	UJI	Attendance at SCEWC 2016 (Benitez, Ngo., Pajarito, Portela and Trujillo)	http://www.smartcityexpo.com	15-17 Nov 2016
2.20	UJI	Attendance at Agile 2017 (Fernando Benitez, Diego Pajarito and Khoi Ngo)	https://agile-online.org/index.php/conference/conference-2017	9-12 May 2017

No.	Partner *	Professional events and forums	URL	Date
2.21	WWU	Attendance at the TIES GASPA Conference (Shivam Gupta)	http://meetings3.sis-statistica.org/index.php/graspa2017/index/schedConfs/current	24.- 26.07.2017
2.22	WWU	Booth at the GEOTAG Event (Degbelo, Gupta, Ataei, Pajarito)	http://geo-c.uji.es/blog/2017/05/24/geoc-geotag-2017/	17.05.2017
2.23	WWU	Conducting participatory workshops and activities with the students from the Hans-Böckler-Berufskolleg	http://geo-c.uji.es/blog/2016/10/19/geo-c-and-participation-workshops-with-young-refugees-at-hbbk/	30 Sep- 13 Oct 2016

*UNL = Universidade Nova de Lisboa, Portugal, UJI = Universitat Jaume I, Spain,
WWU = University of Münster, Germany

2.1

UNL

Presentation by Marco Painho at SAS Forum Portugal 2015
“Smart cities and analytics”



[Oradores](#)

[Localização](#)

[Agenda Preliminar](#)

[Patrocinadores](#)

[Registo](#)

Acelerar a Inovação com Analytics

10 de Novembro 2015

Centro de Congressos de Lisboa

Veja [Aqui](#) Como Foi...

Junte-se a nós no SAS Fórum Portugal 2015, o Maior Evento Nacional de Business Analytics.

O SAS Fórum é um encontro inspirador, onde são discutidas e demonstradas as melhores práticas de negócio para a obtenção de vantagens competitivas. Não perca esta oportunidade de partilhar ideias com os seus pares e de assistir ao que de melhor se faz com Analytics em Portugal.

Faça já o seu Registo 

Veja como foi o ano passado...

Resumo SAS Fórum Portugal 2014



Oradores Confirmados



Marco Seabra Reis

Universidade de Coimbra



Jos van der Velden

SAS



Localização



Lisboa | 10 Novembro

Centro de Congressos de Lisboa

Praça Indústrias
1300-307 Lisboa, Portugal

Faça já o seu Registo

Agenda Preliminar

10 de Novembro

Sessão da Manhã - Plenária

AGENDA	SESSÃO PLENÁRIA
09:30 - 09:40	Bem-vindos ao SAS Fórum Portugal 2015 Luís Bettencourt Moniz, SAS
09:40 - 10:00	Giving Everyone The Power to Know Fernando Braz, SAS
10:00 - 10:45	Perspectivas económicas para Portugal Vitor Bento Economista
10:45 - 11:15	Intervalo para café
11:15 - 11:45	Transforming the Analytics Journey David Leon Managing Director, Accenture Digital
11:45 - 12:45	The Network Always Win Peter Hinssen
13:00 - 14:30	Almoço SAS Fórum Portugal 2015

Sessões da Tarde - Streams Paralelas

DATA
MANAGEMENT

CUSTOMER
INSIGHTS

ANALYTICS
FOR RISK

ANALYTICS IN
TELCOS &

ANALYTICS IN
ACADEMY

FOR ANALYTICS AND IOT	AND ANALYTICS	AND FRAUD	INSURANCE	
14:30 - 14:50 Advanced Analytics George Gouveia Accenture Digital	14:30 - 14:50 Predictive Marketing & Digital Intelligence for Analytically-Driven Personalization Suneel Grover SAS	14:30 - 14:50 The new SAS Risk Platform Manuel Fortes SAS	14:30 - 14:50 Network Function Virtualization (NFV) Michael Pawlak SAS	14:30 - 14:50 Avaliação e Mensuração do Grau de Sobrevivência em Startups João Gerales ISG e Universidade da Extremadura
14:50 - 15:05 Networking Break		14:50 - 15:05 Networking Break	14:50 - 15:05 Networking Break	14:50 - 15:05 Networking Break
15:05 - 15:25 Alicerce Analítico na Exploração e Visualização da Informação Hospitalar Luís Salavisa Centro Hospitalar Psiquiátrico de Lisboa	14:50 - 15:05 Networking Break	15:05 - 15:25 IFRS 9: Transformação da Gestão de Risco Rui Rosado Gonçalves KPMG	15:05 - 15:25 Analytics in Telcos Matthieu Joosten SAS	15:05 - 15:25 Smart Cities and Analytics Marco Painho NOVA IMS
15:25 - 15:40 Networking Break		15:25 - 15:40 Networking Break	15:25 - 15:40 Networking Break	15:25 - 15:40 Networking Break
15:40 - 16:00 Tecnologias Inovadoras para Economia	15:05 - 15:25 Da Banca Transacional à Banca Relacional Sara da Fonseca Banca Santander Totta	15:40 - 16:00 El camino de la Seguridad Social hacia un nuevo entorno analítico. Luis Diez GISS - Gerencia de Informática de la Seguridad Social	15:40 - 16:00 Solvência II Luís Sousa COSEC	15:40 - 16:00 Design and Analysis of Physical and Computational Experiments in Chemical Engineering Marco Seabra Reis
	15:40 - 16:00 Transformação Digital na Banca de		16:00 - 16:30 Intervalo para café	
			16:30 - 16:50 Gestão de Informação e	

das Ideias Fernando Rio Maior HP - Intel	Retalho através da Tecnologia SAS Miguel Faria Monteiro CGI	16:00 - 16:30 Intervalo para café	Decisão em Actuariado Luís Maranhão AXA	Universidade de Coimbra
16:00 - 16:30 Intervalo para café	16:00 - 16:30 Intervalo para café	16:30 - 16:50 Fraude Interna e como combatê-la. Carla Miranda SAS		16:00 - 16:30 Intervalo para café
16:30 - 16:50 Data Management, Analytics and IoT Mathias Coopmans SAS	16:30 - 16:50 Customer loyalty in this digital world Mieke De Ketelaere SAS			16:30 - 16:50 Presenting data, facts and figures visually. An introduction to dos and don'ts for information graphics. Jos van der Velden SAS

SESSÃO DE ENCERRAMENTO - DIGITAL MARKETING & ENGAGEMENT WITH SOCIAL MEDIA - PLENÁRIA
17:00 - 17:20 Analytics in Digital Marketing Suneel Grover SAS
17:20 - 18:05 The Audience Has Spoken & They Want Stories David Fonseca songwriter // engagement with social media

➤ Atenção: a agenda pode sofrer alterações. Esteja atento ao site para ir acompanhando as novidades. A versão final da

agenda será enviada aos registados, na véspera do evento. Obrigado pela compreensão.

DEMO CENTER (NO ESPAÇO DE EXPOSIÇÃO)

- SAS Visual Analytics
- SAS Visual Statistics
- SAS Data Quality

OnDemand e durante todo o dia da Conferência.

As Demos serão feitas pelo SAS, GSTEP, Arquiconsult, Timestamp:biw e Mindsource

STAND DESIGN SAS - EXPERIÊNCIA DO UTILIZADOR

Equipa de Design Internacional partilha conceitos em customização de temas e tentar perceber o que os utilizadores portugueses gostariam de ver em futuras evoluções de produtos SAS.

[Saiba Mais](#)

Premium Sponsor

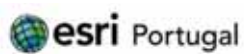


Gold Sponsors





Apoio



2/4/2016

SAS Fórum Portugal 2015 | SAS



Academic



Media Partner







Faça já o seu Registo

Contacte-nos


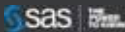
SAS Portugal
210 316 000
Online@por.sas.com

Ligue-se a nós



#SFP15

Presented by



#SASFORUM

[Privacy Statement](#) | [Terms of Use and Legal Information](#)

Copyright © SAS Institute Inc. All rights reserved.

2.2

UNL

Presentation by ESR 10 at SAS Forum Portugal 2016
“Mobility Data Analytics”

Predictive analytics – human mobility patterns investigation from social networks

Author: Luis Fernando Santa Guzmán

d2015459@novaims.unl.pt

Supervisor: Prof. Roberto Henriques

roberto@novaims.unl.pt

Co – supervisors: Prof. Joaquín Torres–Sospedra

jtorres@uji.es

Prof. Edzer Pebesma

edzer.pebesma@uni-muenster.de

Doctorate in Geoinformatics: Enabling Open Cities

Outline

- 1 Introduction
- 2 State-of-the-art
- 3 Methodology
- 4 Expected results
- 5 References



Marie Skłodowska-Curie
Actions

“YOU CANNOT HOPE TO BUILD A BETTER WORLD
WITHOUT IMPROVING THE INDIVIDUALS.”

MARIE SKŁODOWSKA-CURIE







Introduction

Smart cities

***Smart
Cities***

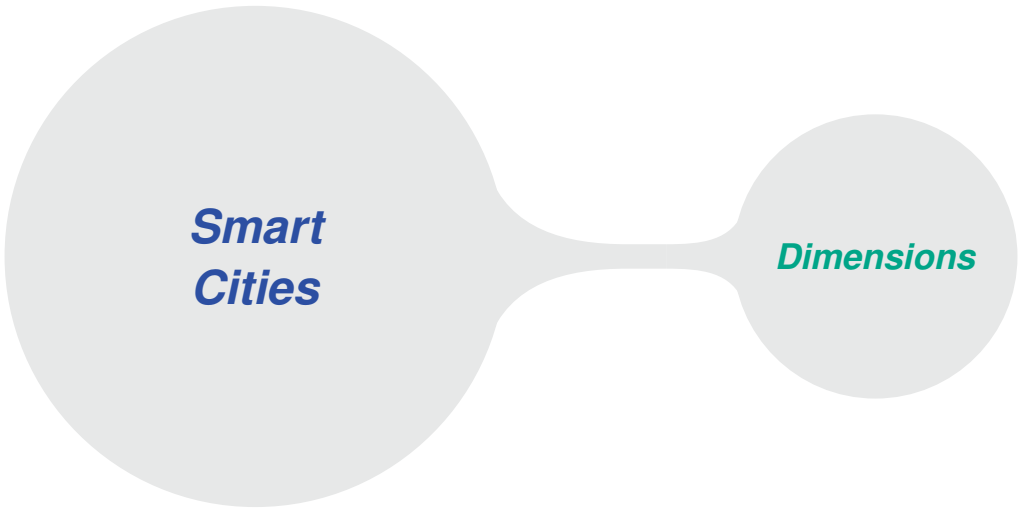
Smart cities

**Smart
Cities**

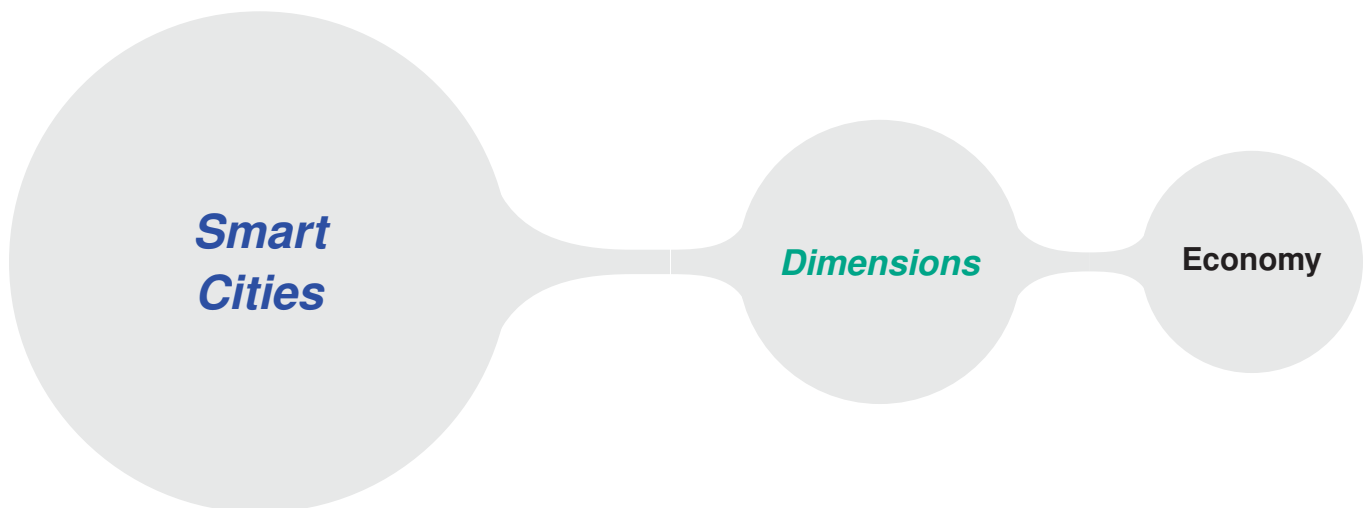
*Using ICT to
improve QoL*



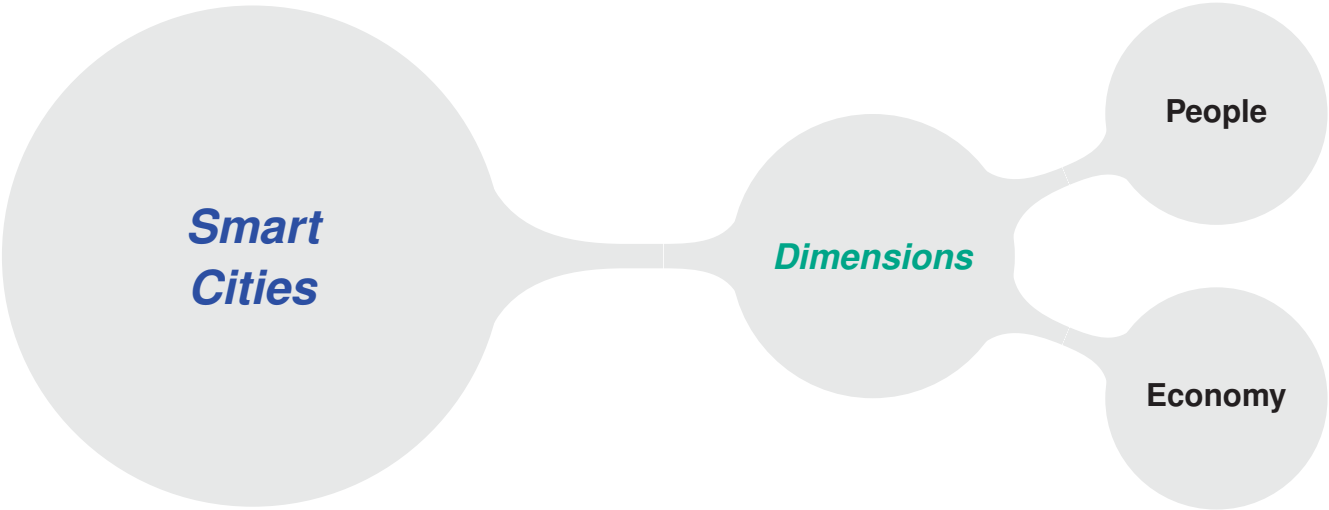
Smart cities



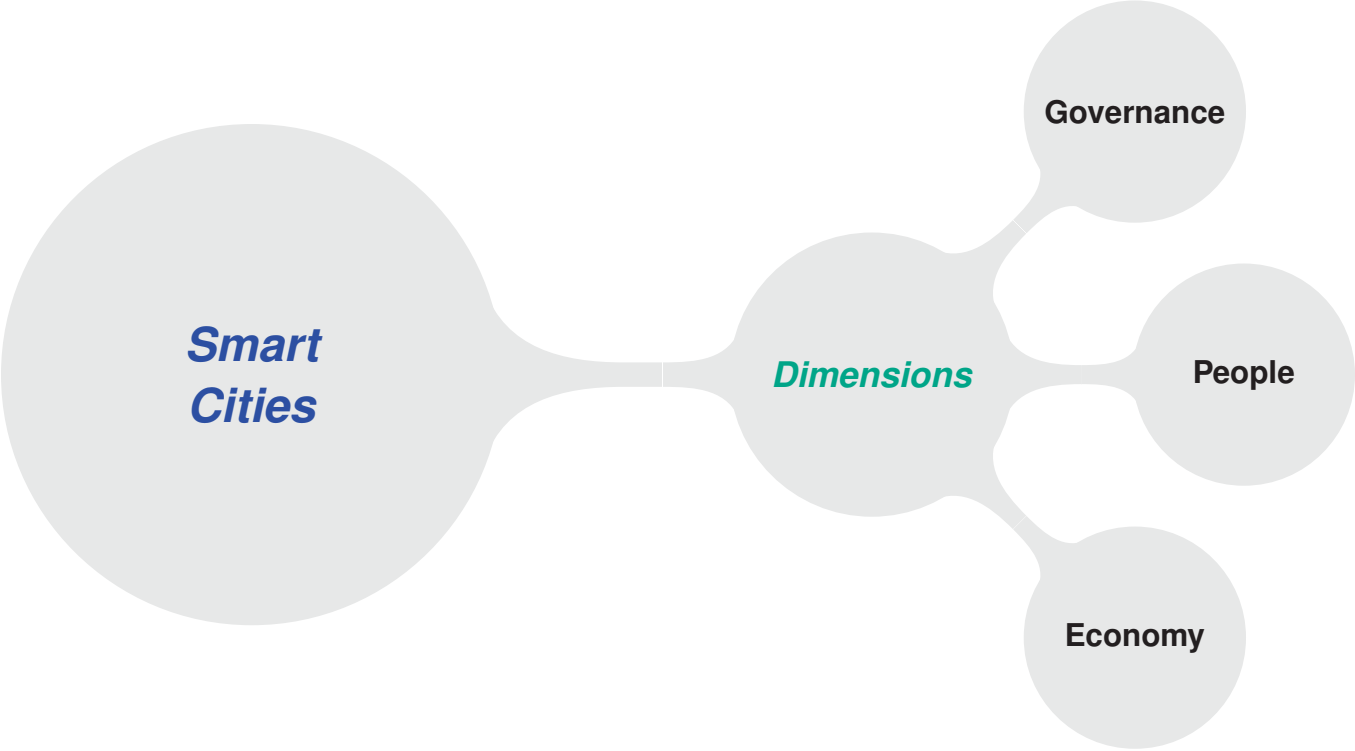
Smart cities



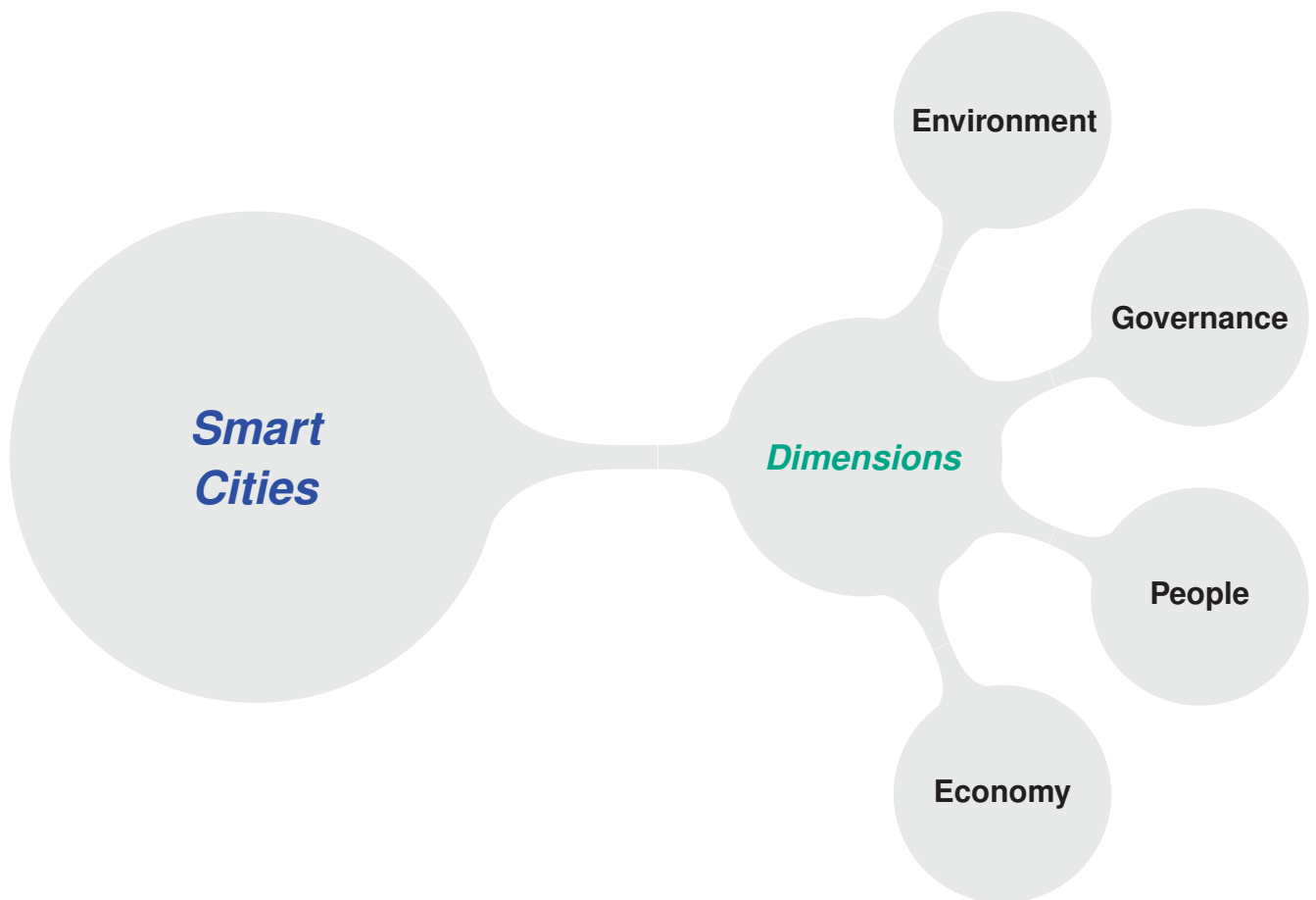
Smart cities



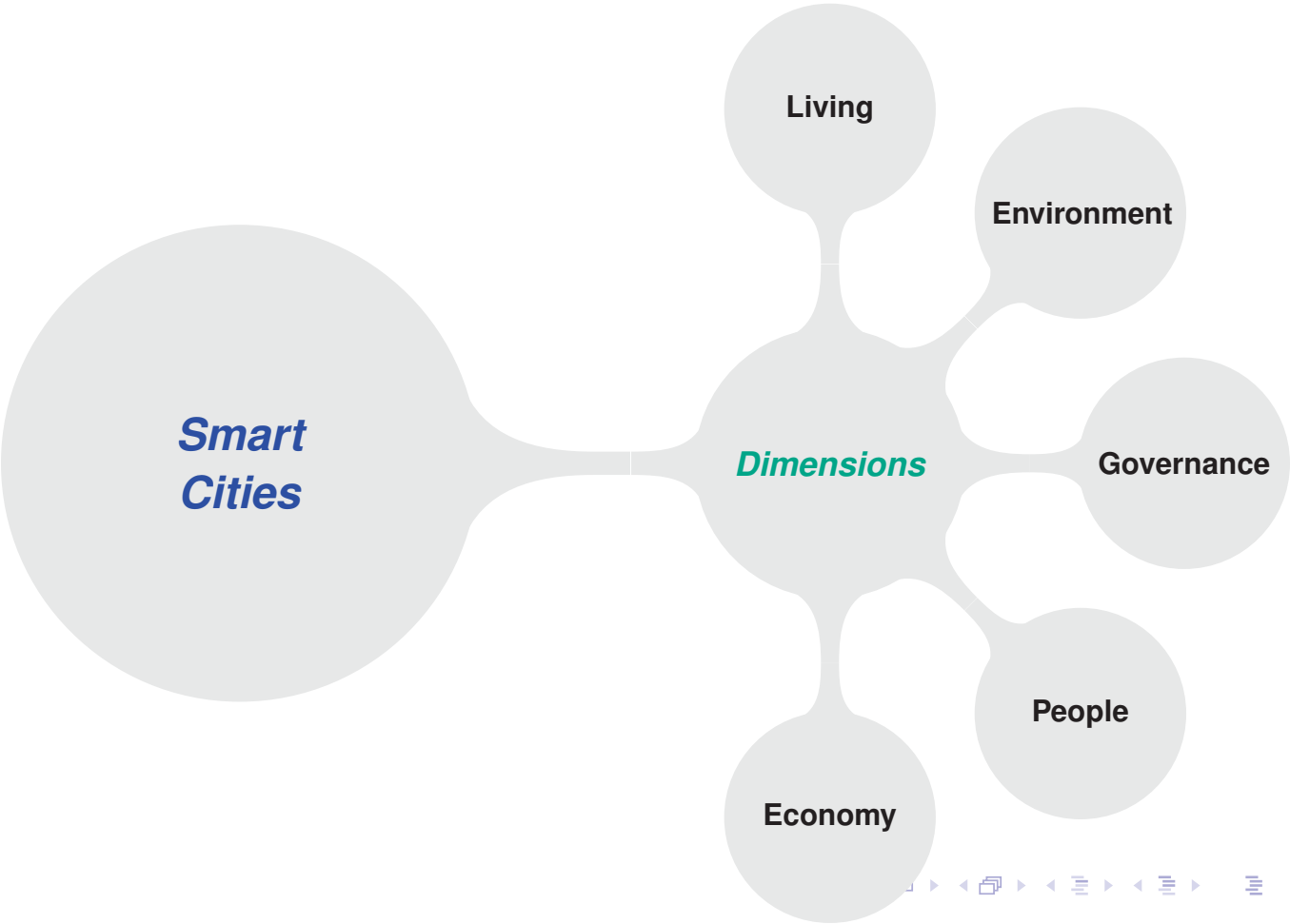
Smart cities



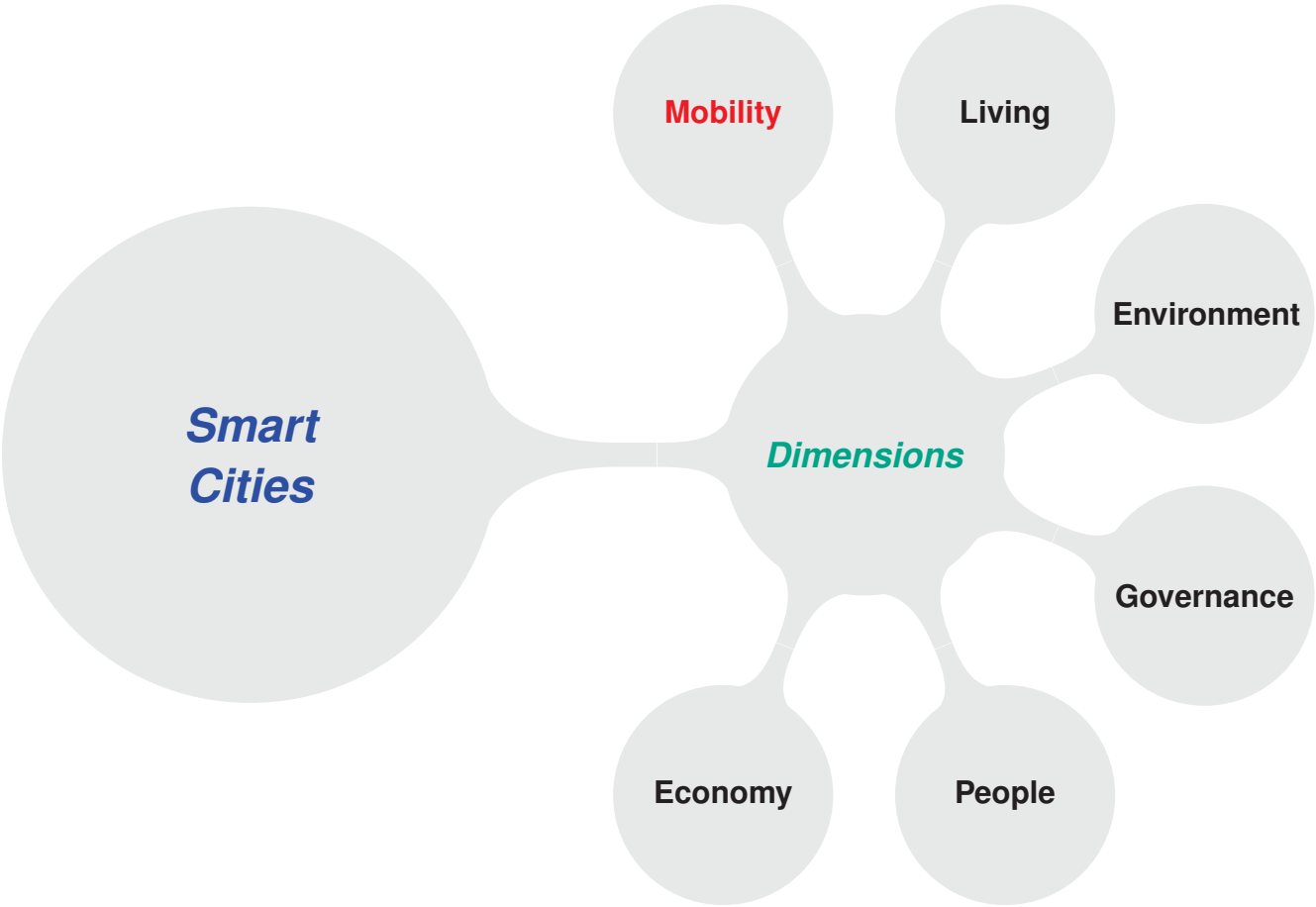
Smart cities



Smart cities



Smart cities



Mobility's statistics

According to Van Aудenhove et al. (2014) the current transportation systems could be insufficient, since today:

- Around of 53% of population live in metropolitan areas, and forecasts say that by 2050 it is expected an increase of 11%.
- 64% of travels are made in urban environments and the total amount of distance travelled will be three times more than in 2014.
- Cities, such as, Brussels, Los Angeles, Milan, London, Paris, Mexico City, Istanbul, among others, have the worst indicators of congestion

Mobility's statistics

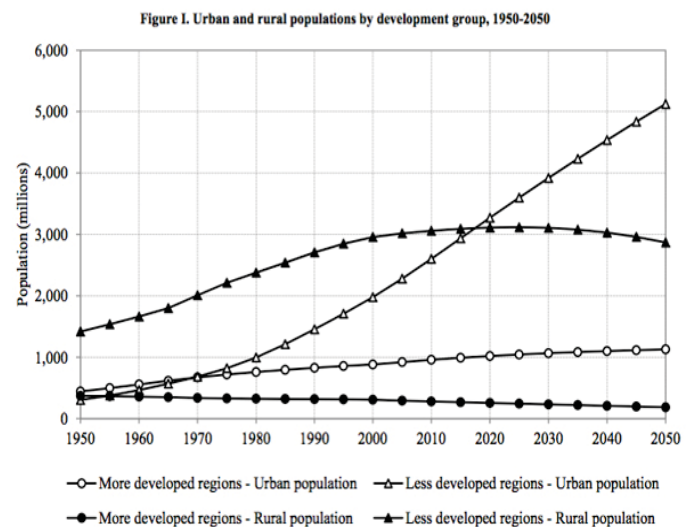
According to Van Audenhove et al. (2014) the current transportation systems could be insufficient, since today:

- Around of 53% of population live in metropolitan areas, and forecasts say that by 2050 it is expected an increase of 11%.
- 64% of travels are made in urban environments and the total amount of distance travelled will be three times more than in 2014.
- Cities, such as, Brussels, Los Angeles, Milan, London, Paris, Mexico City, Istanbul, among others, have the worst indicators of congestion

Mobility's statistics

According to Van Audenhove et al. (2014) the current transportation systems could be insufficient, since today:

- Around of 53% of population live in metropolitan areas, and forecasts say that by 2050 it is expected an increase of 11%.
- 64% of travels are made in urban environments and the total amount of distance travelled will be three times more than in 2014.
- Cities, such as, Brussels, Los Angeles, Milan, London, Paris, Mexico City, Istanbul, among others, have the worst indicators of congestion



Source: <http://www.citylab.com/housing/2012/04/>

Mobility's statistics

According to Van Audenhove et al. (2014) the current transportation systems could be insufficient, since today:

- Around of 53% of population live in metropolitan areas, and forecasts say that by 2050 it is expected an increase of 11%.
- 64% of travels are made in urban environments and the total amount of distance travelled will be three times more than in 2014.
- Cities, such as, Brussels, Los Angeles, Milan, London, Paris, Mexico City, Istanbul, among others, have the worst indicators of congestion

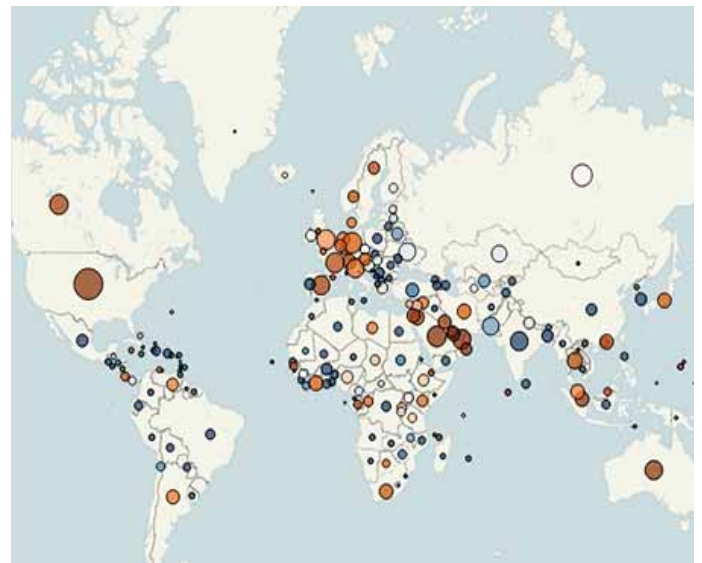


Source: <http://www.barco.com/en/News/Post/2009/8/8/>

Mobility's statistics

According to Van Audenhove et al. (2014) the current transportation systems could be insufficient, since today:

- Around of 53% of population live in metropolitan areas, and forecasts say that by 2050 it is expected an increase of 11%.
- 64% of travels are made in urban environments and the total amount of distance travelled will be three times more than in 2014.
- Cities, such as, Brussels, Los Angeles, Milan, London, Paris, Mexico City, Istanbul, among others, have the worst indicators of congestion



Source: <http://www.migrationpolicy.org>

Smart mobility

A constraint of smart cities is related with *urban mobility* Buscher et al. (2014):

- Urban population increase
- Rising demands for efficient mobility
- Limited physical infrastructure capacity

Smart mobility

A constraint of smart cities is related with *urban mobility* Buscher et al. (2014):

- Urban population increase
- Rising demands for efficient mobility
- Limited physical infrastructure capacity

Smart mobility

A constraint of smart cities is related with *urban mobility* Buscher et al. (2014):

- Urban population increase
- Rising demands for efficient mobility
- Limited physical infrastructure capacity

Smart mobility

A constraint of smart cities is related with *urban mobility* Buscher et al. (2014):

- Urban population increase
- Rising demands for efficient mobility
- Limited physical infrastructure capacity
- Crowding
- Congestion
- Unpleasant experience

Smart mobility

A constraint of smart cities is related with *urban mobility* Buscher et al. (2014):

- Urban population increase
- Rising demands for efficient mobility
- Limited physical infrastructure capacity

Big data age

***Inhabitants'
Activities***

Big data age

Internet



Source: <http://www.omicro.com>

Wifi



Source: <http://clout-project.eu/>

Inhabitants' Activities

Smart devices



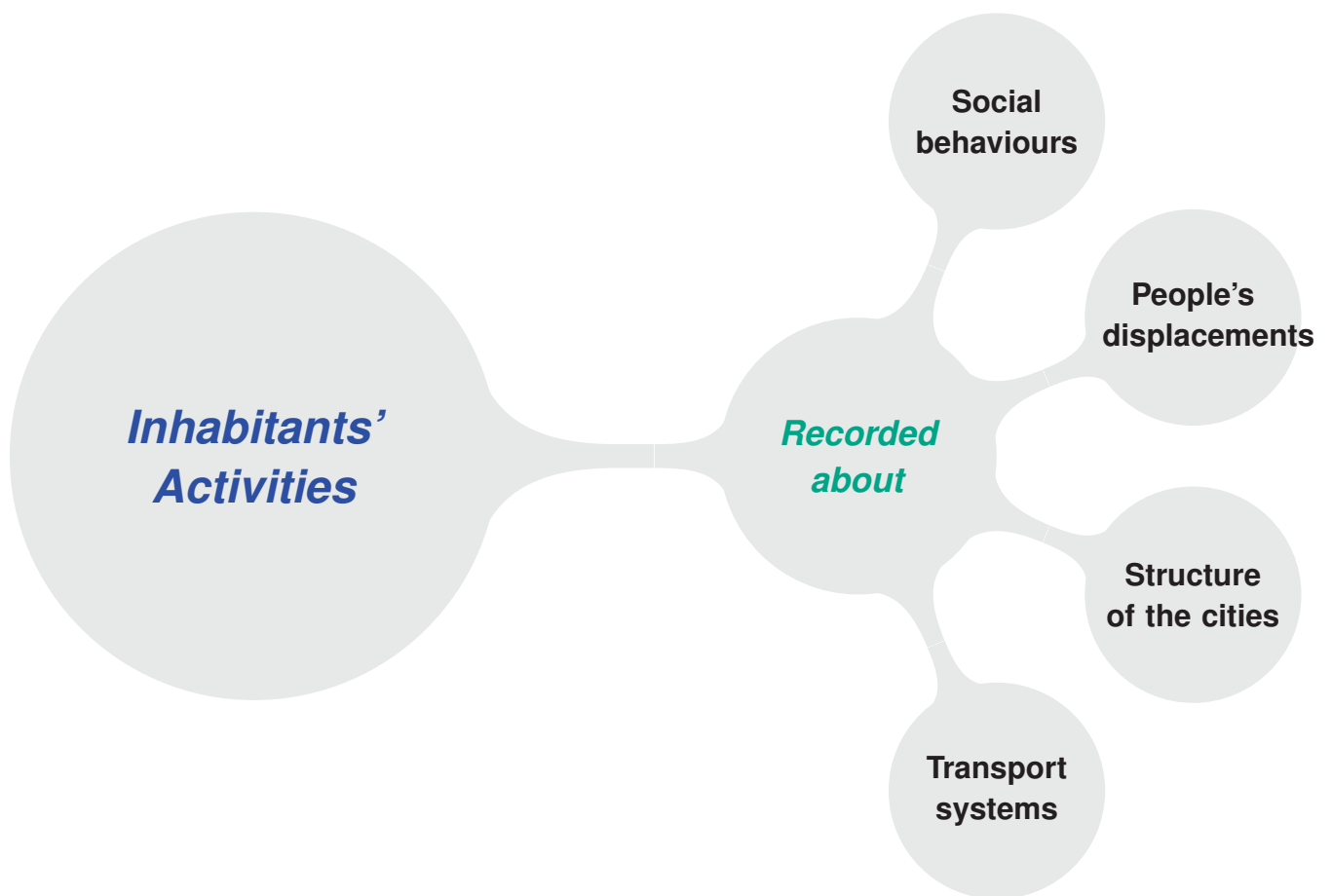
Source: <http://tech.com.sa/en/>

Sensors

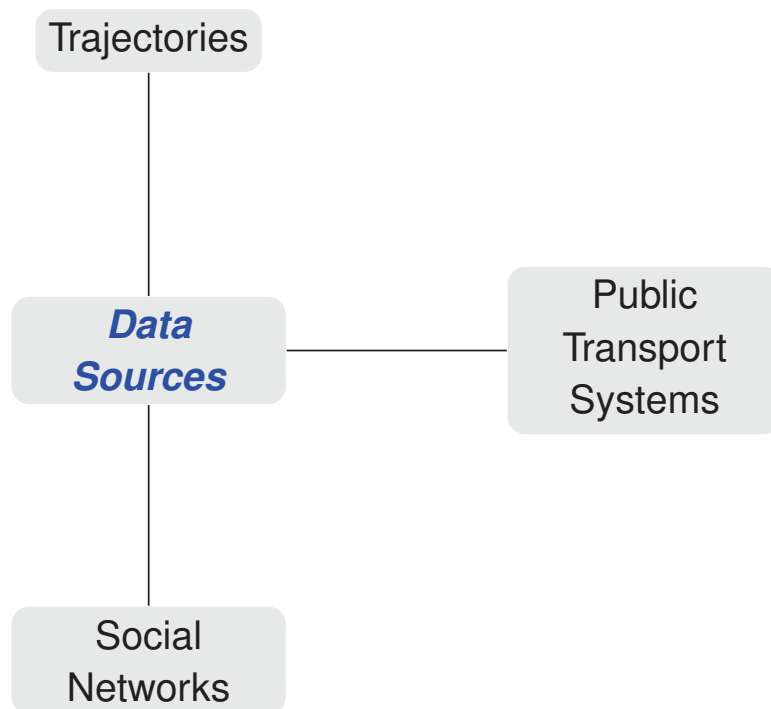


Source: <https://www.greenbiz.com/>

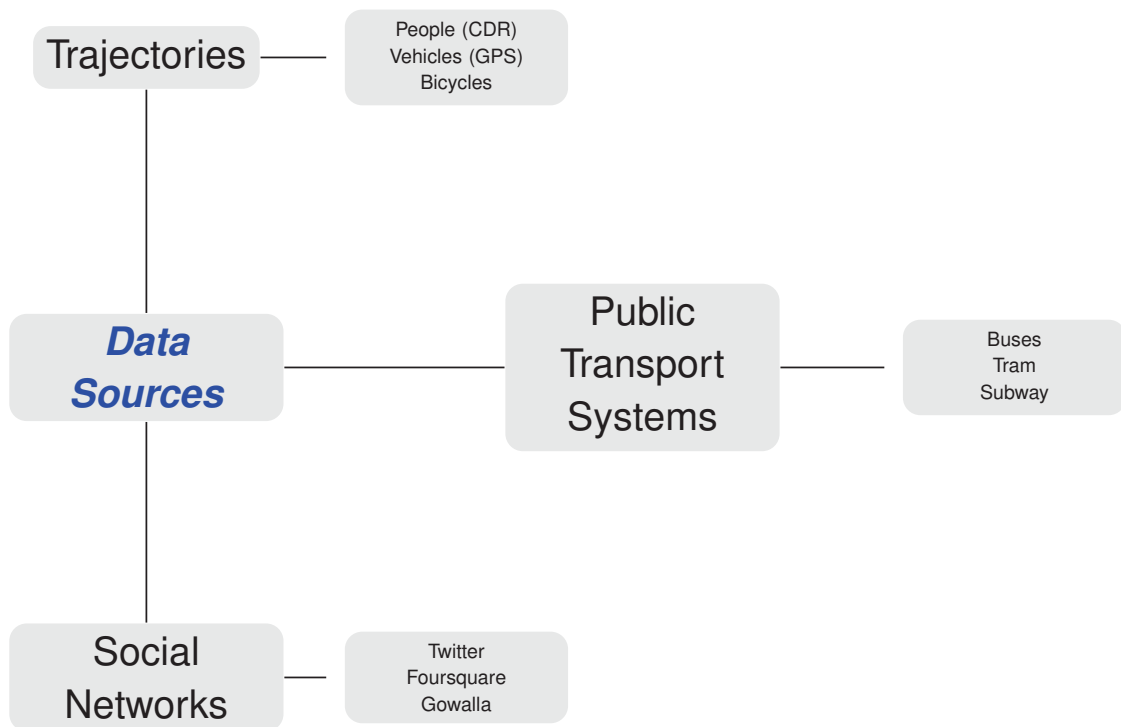
Big data age



Data sources use in mobility studies



Data sources use in mobility studies



Data sources use in mobility studies

These are characterized to have different:

- **Volumes**
- Formats of storage
- Spatio-temporal resolutions

Data sources use in mobility studies

These are characterized to have different:

- Volumes
- **Formats of storage**
- Spatio-temporal resolutions

Data sources use in mobility studies

These are characterized to have different:

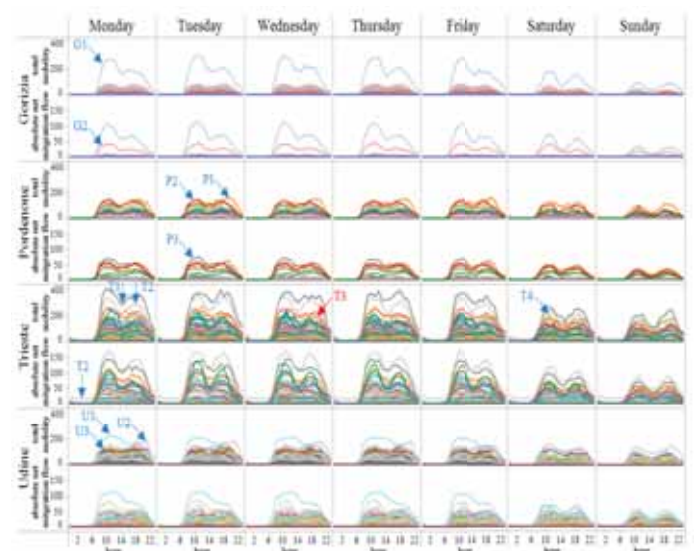
- Volumes
- Formats of storage
- Spatio-temporal resolutions

Human mobility patterns

- Spatial and temporal regularity.
- Space–time hotspots, clusters, places of interest.
- Anomalous situations caused by the occurrence of crowded events.

Human mobility patterns

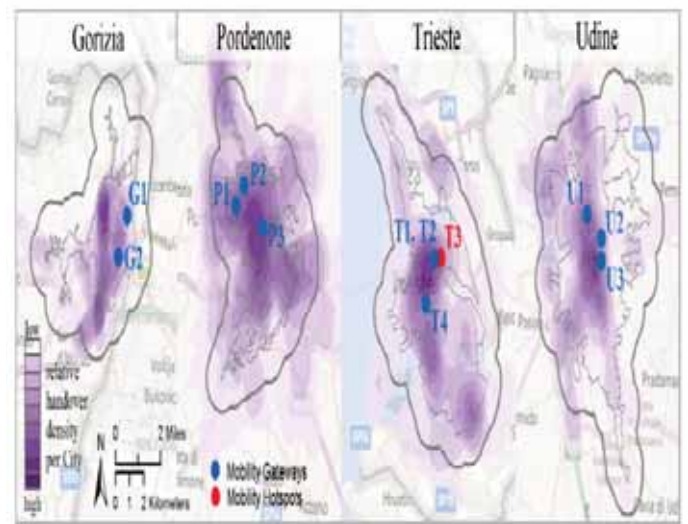
- **Spatial and temporal regularity.**
- Space–time hotspots, clusters, places of interest.
- Anomalous situations caused by the occurrence of crowded events.



Source: Sagi et al. (2012)

Human mobility patterns

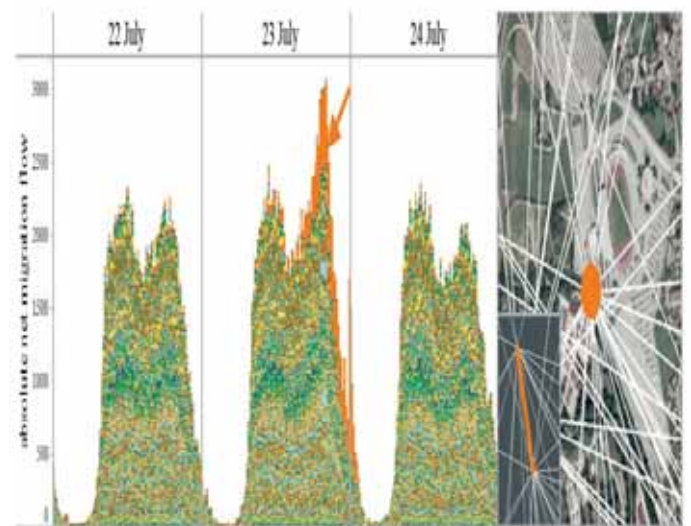
- Spatial and temporal regularity.
- Space–time hotspots, clusters, places of interest.
- Anomalous situations caused by the occurrence of crowded events.



Source: Sagi et al. (2012)

Human mobility patterns

- Spatial and temporal regularity.
- Space–time hotspots, clusters, places of interest.
- Anomalous situations caused by the occurrence of crowded events.



Source: Sagi et al. (2012)

Research questions

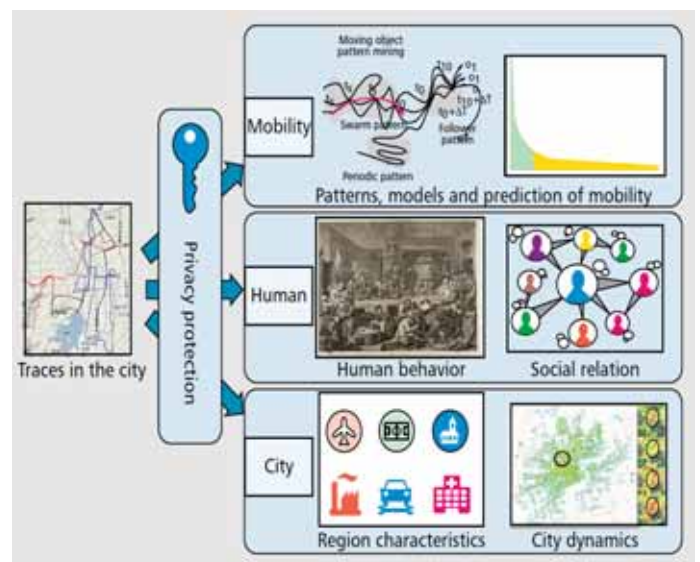
In general terms this project seeks to answer:

- What kind of methodologies are adequate to standardize mobility information coming from different sources?
- How can mobility data from different sources be integrated to find patterns of human mobility?
- What types of methods are optimal to identify spatio-temporal patterns of human mobility?

Research questions

In general terms this project seeks to answer:

- What kind of methodologies are adequate to standardize mobility information coming from different sources?
- How can mobility data from different sources be integrated to find patterns of human mobility?
- What types of methods are optimal to identify spatio-temporal patterns of human mobility?

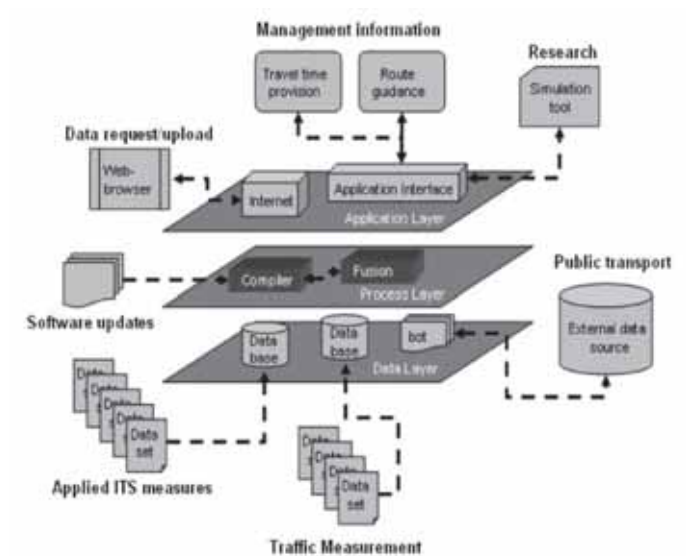


Source: Pan et al. (2013)

Research questions

In general terms this project seeks to answer:

- What kind of methodologies are adequate to standardize mobility information coming from different sources?
- How can mobility data from different sources be integrated to find patterns of human mobility?
- What types of methods are optimal to identify spatio-temporal patterns of human mobility?

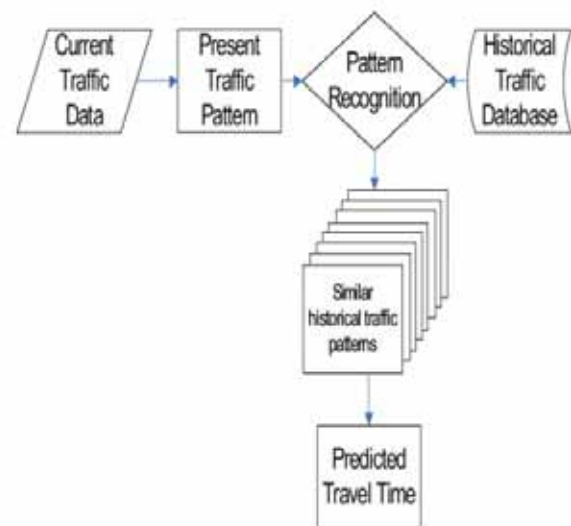


Source: Kuwahara & Tanaka (2008)

Research questions

In general terms this project seeks to answer:

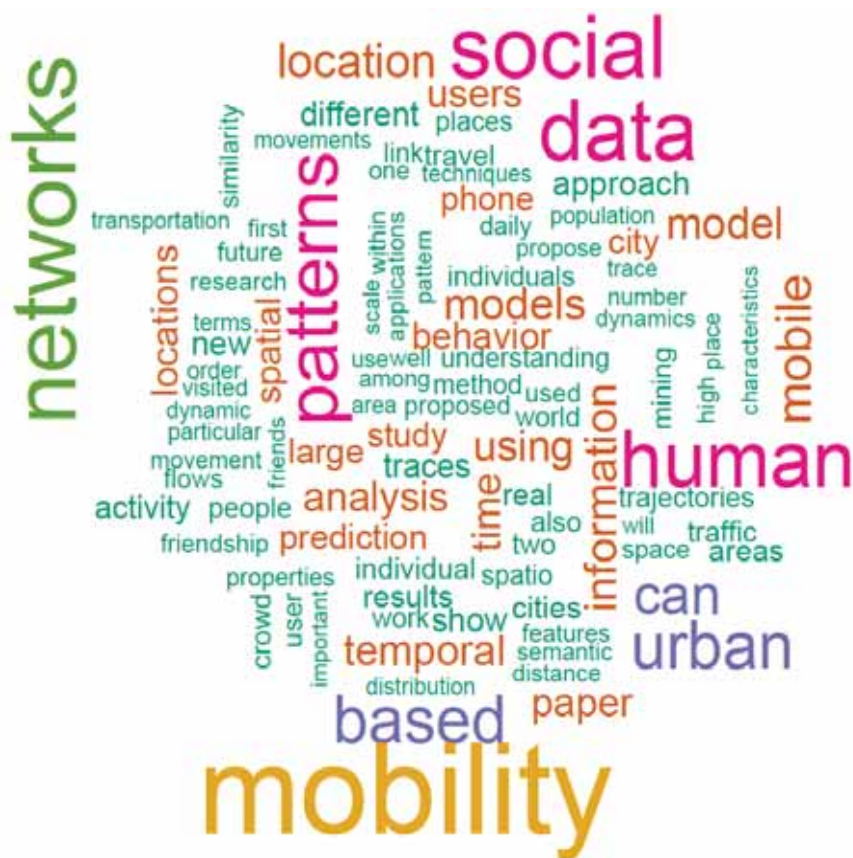
- What kind of methodologies are adequate to standardize mobility information coming from different sources?
- How can mobility data from different sources be integrated to find patterns of human mobility?
- What types of methods are optimal to identify spatio-temporal patterns of human mobility?



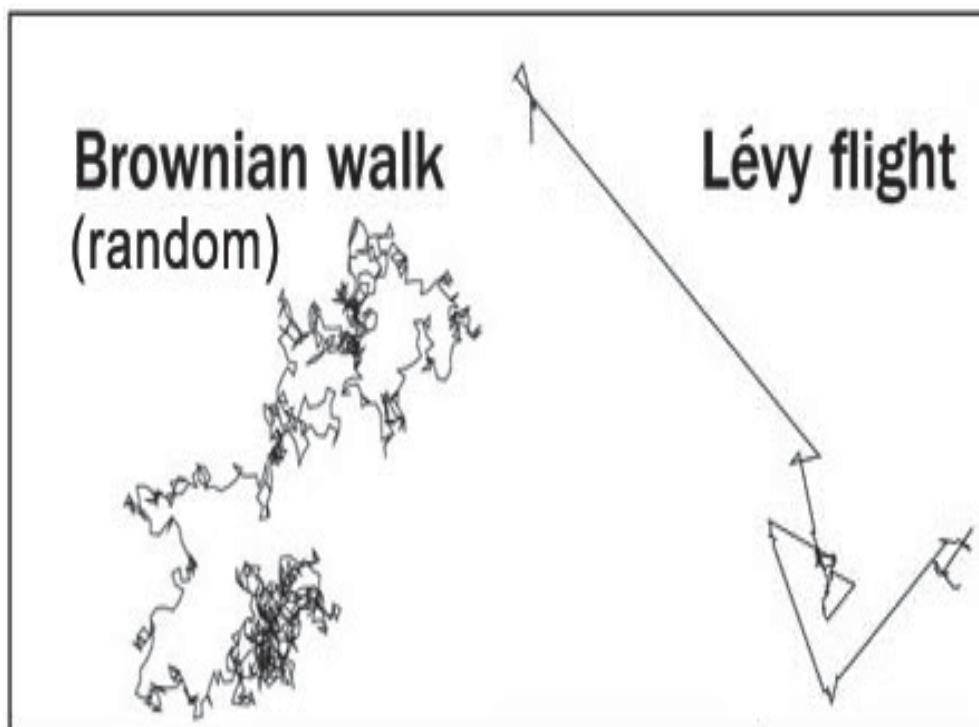
Source: Kuwahara & Tanaka (2008)

State-of-the-art

Main concepts

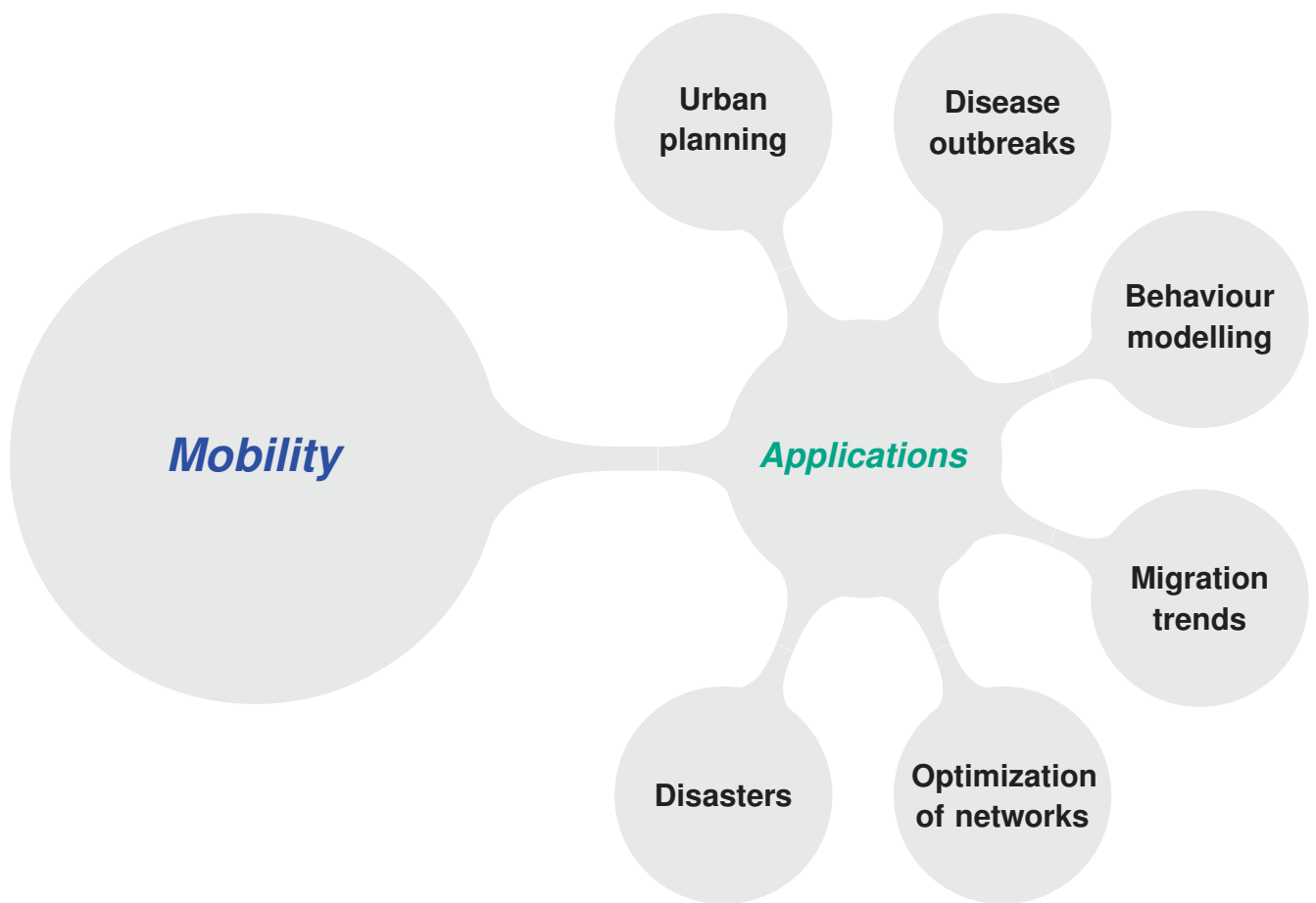


Origin

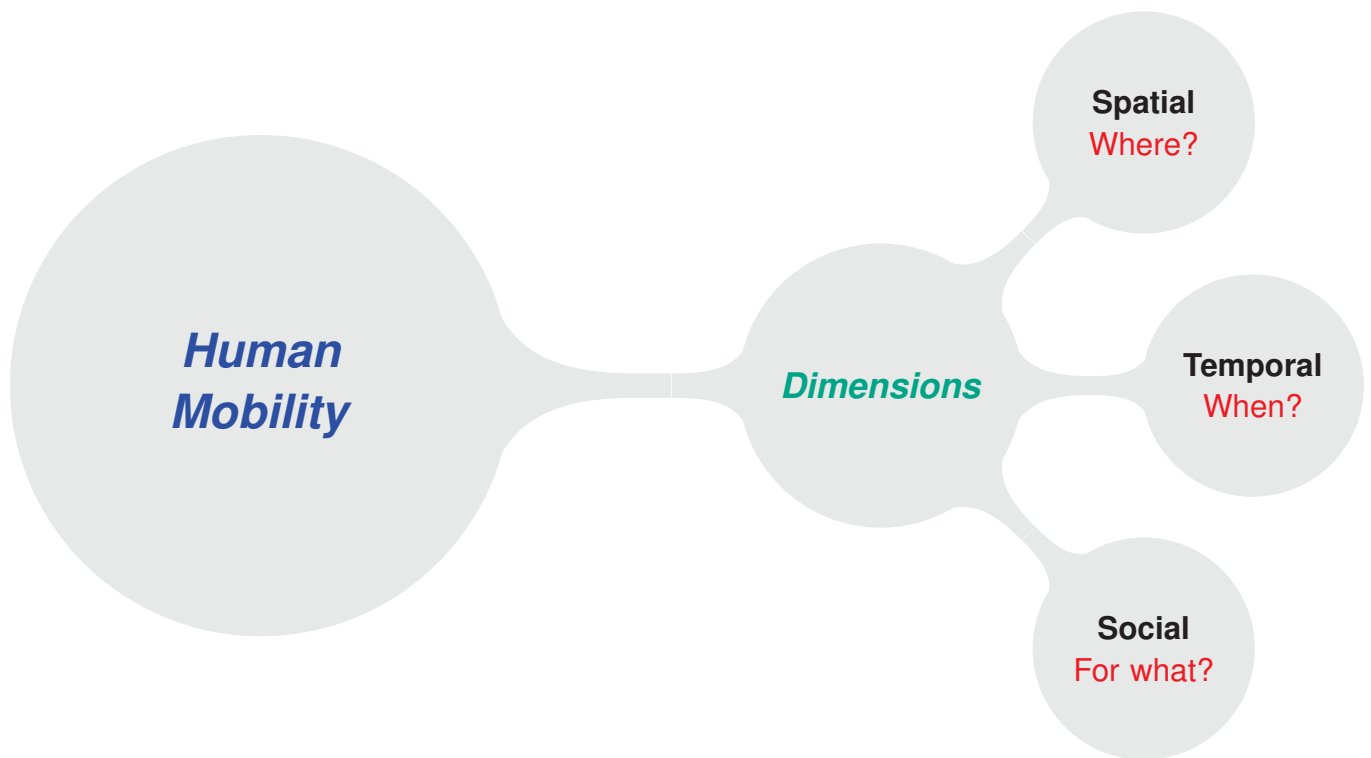


Source: <https://seeingcomplexity.wordpress.com/>

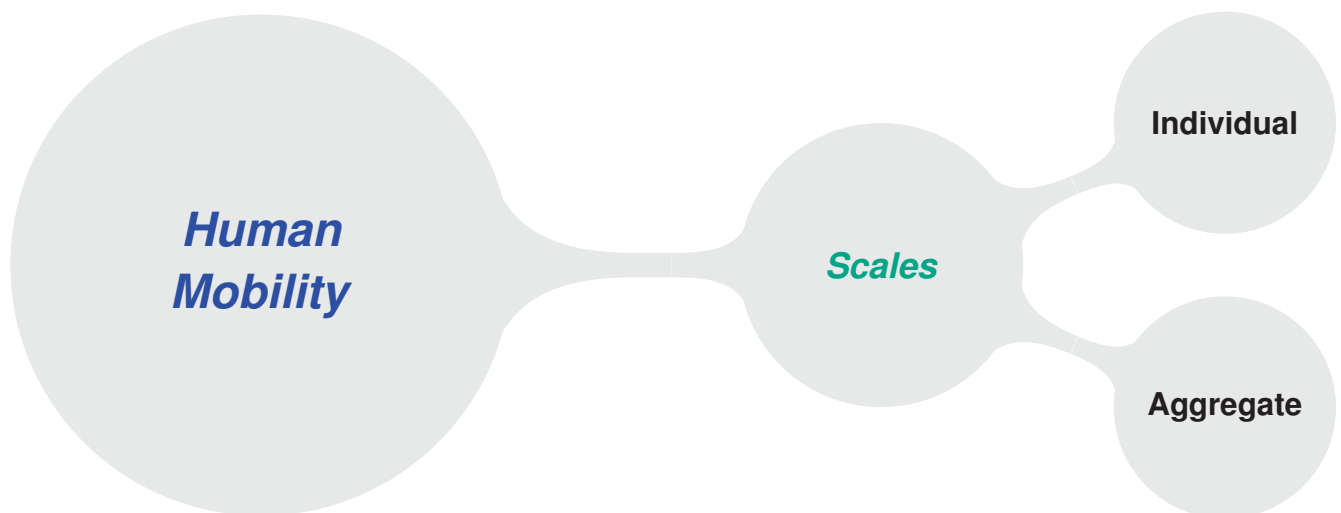
Mobility has been studied



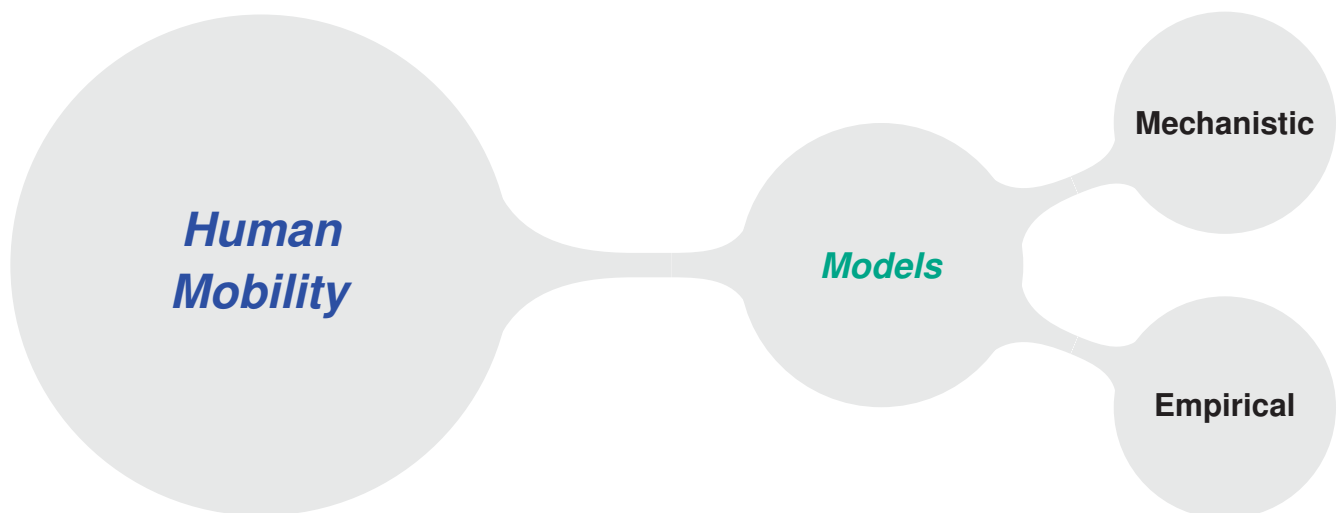
Theoretical framework



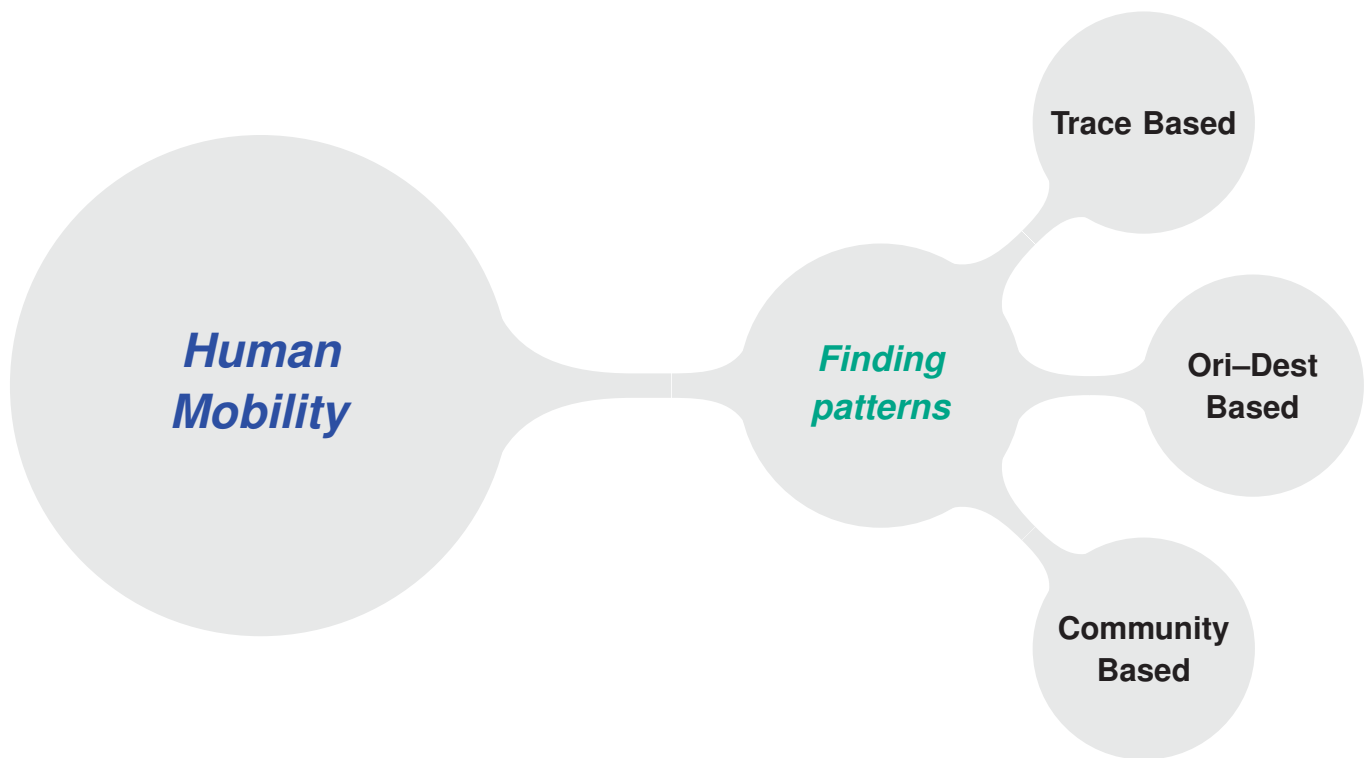
Theoretical framework



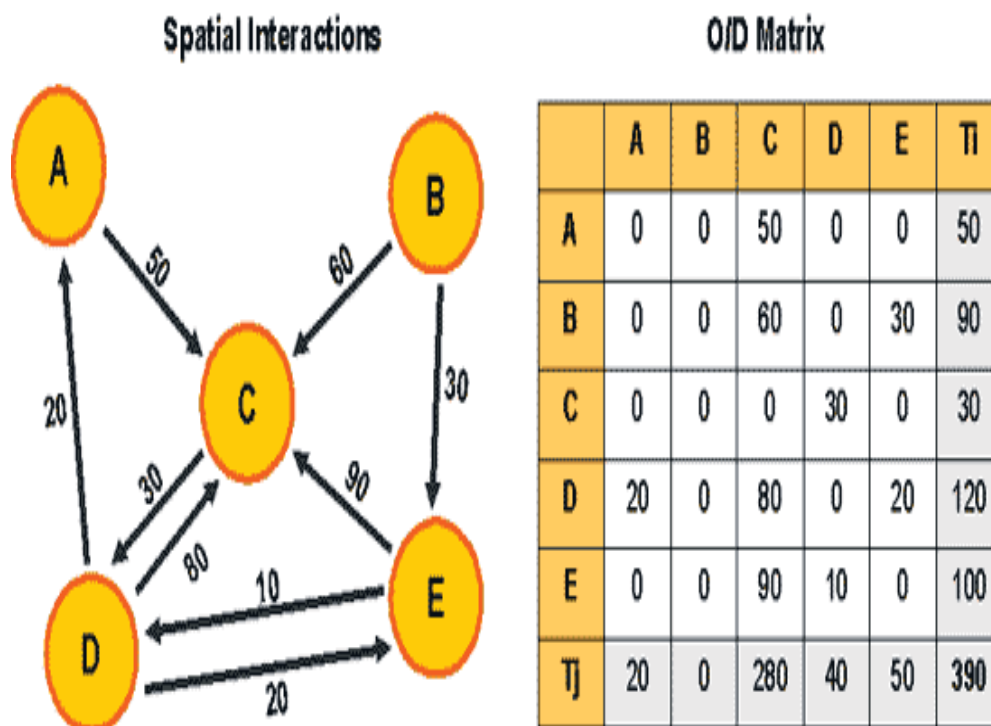
Theoretical framework



Theoretical framework

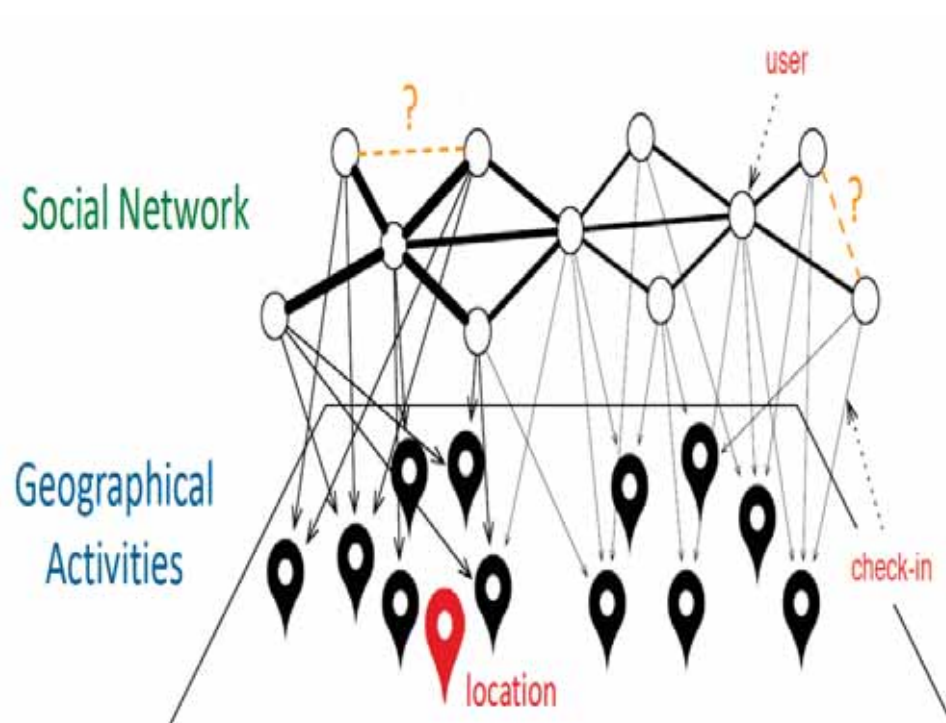


Theoretical framework

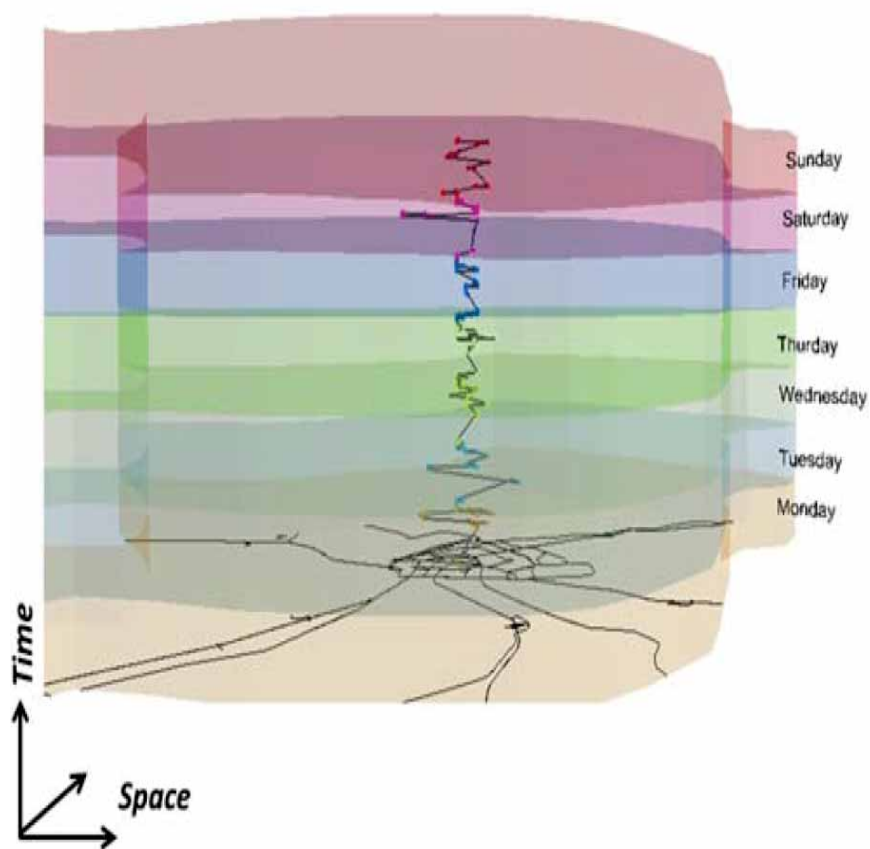


Source: <http://verkeer.wikia.com/wiki/H/B-matrix>

Theoretical framework

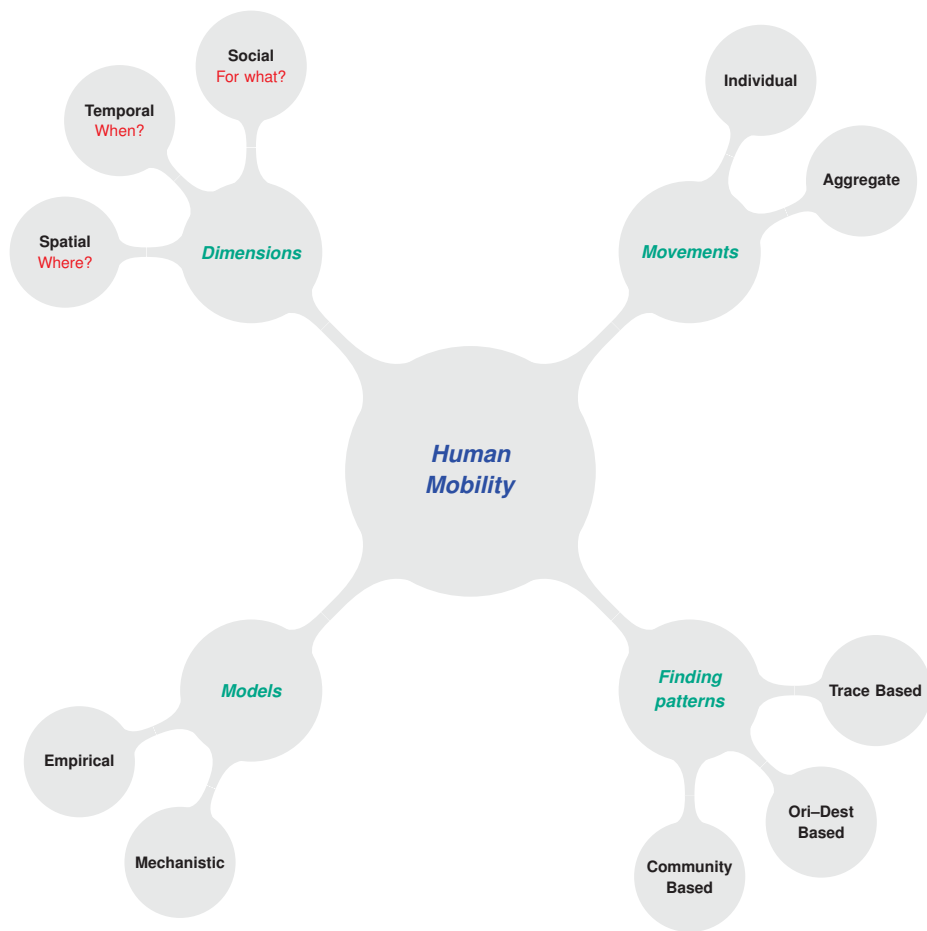


Theoretical framework



Source: Gao (2015)

Theoretical framework



Methodology

Study area



From: <http://viagem.decaonline.com/lisboa-atracoes-e-informacoes/>

Data collection. Main sources

- LBSNs
- Smart cards
- CDR

Data collection. Main sources

- LBSNs
- Smart cards
- CDR



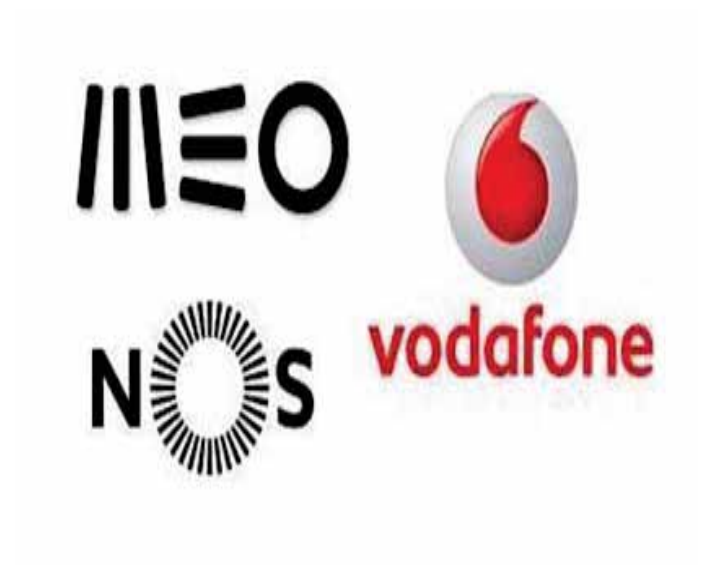
Data collection. Main sources

- LBSNs
- Smart cards
- CDR



Data collection. Main sources

- LBSNs
- Smart cards
- CDR



Data collection. Secondary sources

- Traffic flows
- Congestion statistics
- Counts of vehicles in streets
- Information from other sensors

Data collection. Secondary sources

- **Traffic flows**
- Congestion statistics
- Counts of vehicles in streets
- Information from other sensors



Source:

<http://www.theportugalnews.com/news/new-traffic-flow-complicates-rush-hour-in-marqu>

Data collection. Secondary sources

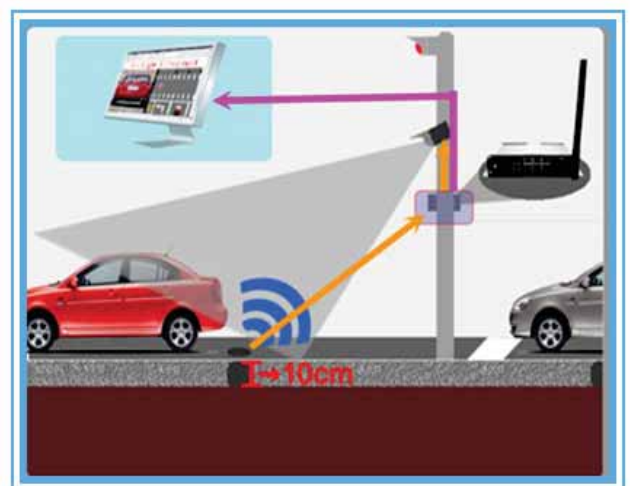
- Traffic flows
- **Congestion statistics**
- Counts of vehicles in streets
- Information from other sensors



Source: <http://turbo.sapo.pt/ultimas/artigo/>

Data collection. Secondary sources

- Traffic flows
- Congestion statistics
- **Counts of vehicles in streets**
- Information from other sensors



Source:

<http://spanish.alibaba.com/product-gs/professional-traffic-vehicle-counting-sensor-used>

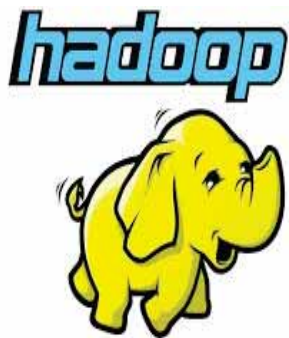
Data collection. Secondary sources

- Traffic flows
- Congestion statistics
- Counts of vehicles in streets
- Information from other sensors

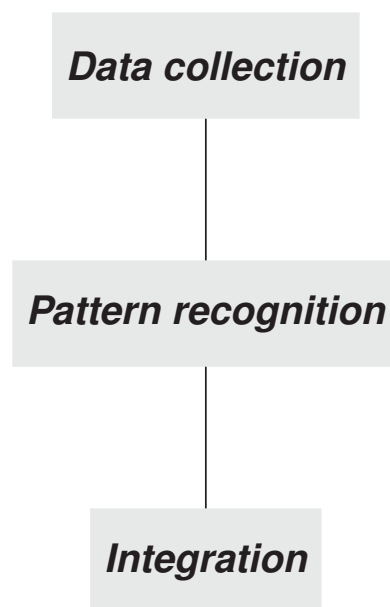


From: <http://wimport.com.br/descricao-produto.php?produtoid=70>

Software



Methods



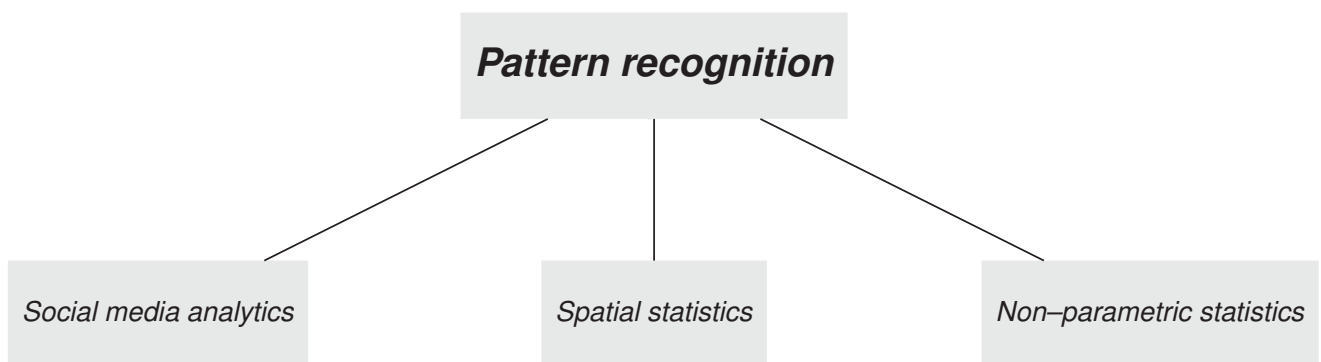
Methods



Methods



Methods



Methods

Source	Observed variable	Field	Method
Smart Card	Counts of people	Spatial Statistics	Poisson regression
			Negative binomial regression
		Social Networks Analysis	Exponential Random Graph Models

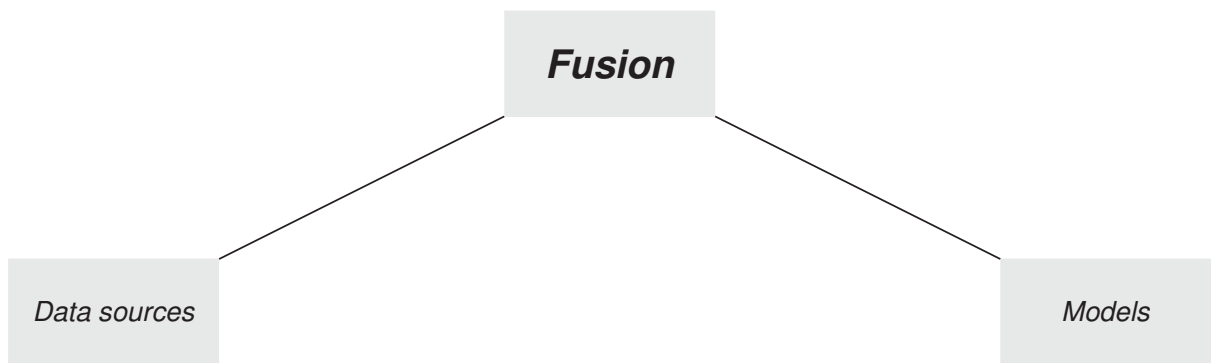
Methods

Source	Observed variable	Field	Method
Smart Card	Counts of people	Spatial Statistics	Poisson regression
			Negative binomial regression
		Social Networks Analysis	Exponential Random Graph Models
Twitter	Spatio-temporal locations	Social Networks Analysis	Exponential Random Graph Models
		Data Mining	Machine learning

Methods

Source	Observed variable	Field	Method
Smart Card	Counts of people	Spatial Statistics	Poisson regression
			Negative binomial regression
		Social Networks Analysis	Exponential Random Graph Models
Twitter	Spatio-temporal locations	Social Networks Analysis	Exponential Random Graph Models
		Data Mining	Machine learning
Call Detail Records	Spatio-temporal locations	Non-parametric Statistics	Kernel density estimation
		Data Mining	Machine learning

Methods



Expected results

Expected results

This project seeks to build some alternative methodologies to study urban mobility.

- Focus on developing models to identify spatio-temporal patterns of human mobility from different sources.
- Intend to produce a code prototype in an open-source software to be linked in an OCT.
- Define a way to integrate information coming from several sources about mobility in a city,.

Expected results

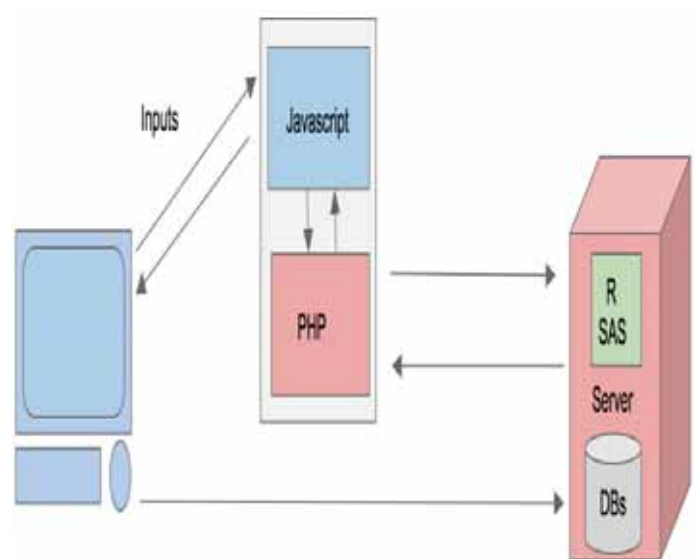
This project seeks to build some alternative methodologies to study urban mobility.

- Focus on developing models to identify spatio-temporal patterns of human mobility from different sources.
- Intend to produce a code prototype in an open-source software to be linked in an OCT.
- Define a way to integrate information coming from several sources about mobility in a city,.

Expected results

This project seeks to build some alternative methodologies to study urban mobility.

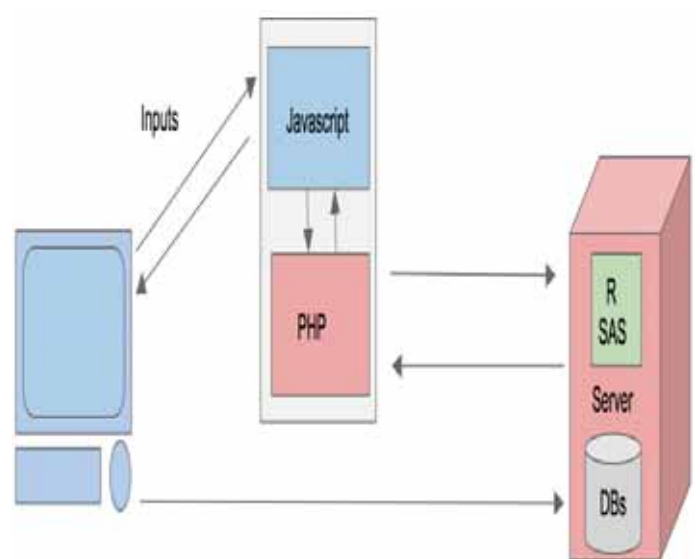
- 1 Focus on developing models to identify spatio-temporal patterns of human mobility from different sources.
- 2 Intend to produce a code prototype in an open-source software to be linked in an OCT.
- 3 Define a way to integrate information coming from several sources about mobility in a city,.



Expected results

This project seeks to build some alternative methodologies to study urban mobility.

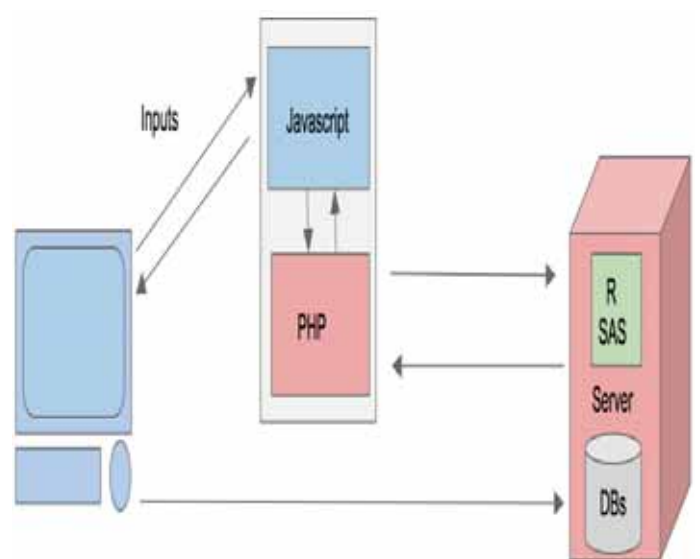
- 1 Focus on developing models to identify spatio-temporal patterns of human mobility from different sources.
- 2 Intend to produce a code prototype in an open-source software to be linked in an OCT.
- 3 Define a way to integrate information coming from several sources about mobility in a city,.



Expected results

This project seeks to build some alternative methodologies to study urban mobility.

- 1 Focus on developing models to identify spatio-temporal patterns of human mobility from different sources.
- 2 Intend to produce a code prototype in an open-source software to be linked in an OCT.
- 3 Define a way to integrate information coming from several sources about mobility in a city,.



Expected results



Source: Buscher et al. (2014)

Expected results



Source: Buscher et al. (2014)

Thank you!

Thank you!

References

References I

- Buscher, V., Doody, L., Webb, M., & Aoun, C. (2014). *Urban mobility in the smart city age* (Tech. Rep.). <http://publications.arup.com/Publications/U/ARUP>.
- Gao, S. (2015). Spatio-temporal analytics for exploring human mobility patterns and urban dynamics in the mobile age. *Spatial Cognition & Computation*, 15(2), 86–114. doi: 10.1080/13875868.2014.984300
- Kuwahara, M., & Tanaka, S. (2008). Urban transport data fusion and advanced traffic management for sustainable mobility. In Y. Sadahiro (Ed.), *Spatial data infrastructure for urban regeneration* (pp. 75–102). Springer. doi: 10.1007/978-4-431-74097-1
- Pan, G., Qi, G., Zhang, W., Li, S., Wu, Z., & Yang, L. (2013). Trace analysis and mining for smart cities: issues, methods, and applications. *IEEE Communications Magazine*, 121. doi: 10.1109/MCOM.2013.6525604
- Sagl, G., Loidl, M., & Beinat, E. (2012). A visual analytics approach for extracting spatio-temporal urban mobility information from mobile network traffic. *ISPRS International Journal of Geo-Information*, 1(3), 256–271. doi: 10.3390/ijgi1030256

References II

Van Audenhove, F.-J., Korniiichuk, O., Dauby, L., & Pourbaix, J. (2014, January). *The future of the urban mobility 2.0* (Tech. Rep.). <http://www.adlittle.com/downloads>: Arthur D. Little.

2.3

UNL

Smart Open Lisboa Hackathon, Devanjan presented OCT
for open data.

SMART OPEN LISBOA HACKATHON 2016 was a unique event to get to redefine and improve the city life in Lisbon. Smart Open Lisboa targets projects that use or contribute to Open Data. Participants had the opportunity for support and direct access to key partners in the city to validate their solutions using real data in a live environment and to work directly with their potential customers and/or partners. We from GEO-C presented Open City Toolkit: Open Smart Cities Platform.

2.4

UJI

Attendance at Esri Spain conference 2015 (Fernando B.
and Manuel Portela)

Date: 06 November 2015

MISSION REPORT

Name:

Michael Gould, Francisco Ramos, Fernando Benitez, Manuel Portela, German Mendoza, Nacho Miralles

Institute/Unit:

GeoTec Research Group

Place & Organisation visited:

ESRI Spain, IFEMA, Madrid, Spain

Duration of the mission:

04-05 November 2015

Persons contacted:

- ESRI Spain.
- Clients, groups, researchers and developers of GIS world.

Objectives of the mission:

Participating and presenting at the 2015 ESRI Spain Users Conference in Madrid.

Main results of the mission:

We were updated on the status of the technology and on what is being done in other research groups and companies. We have the tools and the knowledge but need some support to introduce these technologies in the life of the city or at least university.

On 4 and 5 November we attended the ESRI Spain Conference. The first day was related to the main session (Plenary) where main “actors” presented their products and news. Second day was dedicated to different subjects, as 7 parallel technical sessions including one dedicated to the educational context. There were about 2000 attendees, and another 2000 watching via web streaming.

First day (4 November)

The day started with four different sessions, and we attended these:

- Smart Communities (9:30):

Focused on the need of create open data, each member of the table spoke about his merits and asked for collaboration from other institutions. From ICV (Instituto Cartográfico de Valencia) Emilio Forcén said that more than 45000 datasets are open (I have found something here, we can test: <http://www.icv.gva.es/es/node/57>). In general the session was more political than "Smart".

- GeoComunidad (09:30):

A roundtable with Raúl (developers), Sonia (RRHH), Pedro Rico (universities), Paloma Lara (training, master) , to focus on topics regarding employment and networking:

- ✓ To develop GIS systems is not needed as experience as people think.
- ✓ There is work for GIS developers. Even freelance work. But programming knowledge is necessary.
- ✓ Professional Schools (FP i.e.) are a good option for study.
- ✓ The Online CV is very relevant (Linkedin, facebook, twitter, owned blog, github projects,...)
- ✓ There are employment opportunities in other countries, sometimes working from Spain.
- ✓ Geocommunities are useful.

- Main Session (*morning*):

- ✓ Very spectacular video trailers, WebGIS (the main message) through their platform, awards for some companies or projects.
- ✓ ArcGIS Earth: like GoogleEarth with some arcgis capabilities, interesting, and including 3D. Release in December. <http://www.esri.com/landing-pages/arcgis-earth>. (not for Mac, sorry Francis)
- ✓ a UX designer spoke: User Experience and Meaning of the project is most relevant. Emotions...
- ✓ Smart Island: La Palma. Juan Antonio Bermejo developed the 'Smart City' of La Palma. Impressive results. He built it all by himself. he said he would like to visit us and talk about the project.
- ✓ Project from Aitor Calero (<http://www.asfema.org/>) to help and unite people who suffer "rare sickness" (Enfermedades Raras relacionadas con el metabolismo). Basically online maps of where the sufferers live and where they can get help.

- Main Session (*afternoon*):

- ✓ Excel plugin to manage maps.
<http://www.esri.com/software/arcgis/arcgisonline/apps/download>

- ✓ Smart Cities in A Coruña and IBM solutions related with SC projects in Sevilla, Santander.
- ✓ EGNOS adds to GPS, and is capable of obtaining very accurate positioning (under 1 meter) and is available for free.
- ✓ INGEO TAB: Data collector, customizable, capable to work offline... ERMES SmartAPP version?
<https://play.google.com/store/apps/details?id=es.igme.ingeotab>
- ✓ FiWare was presented and a connector to ArcGIS was announced (<https://www.fiware.org/>). API for developing Smart Applications.
- ✓ Esri Spain showed “indoor GIS” solutions, that were really just City Engine models showing building interiors. They have NO indoor location solution, yet.
- ✓ EEA offers lots of Open Data, and publishes using ArcGIS Online.
<https://open-data.europa.eu/es/data/publisher/eea>

Second Day (5 November)

- Educational Sessions.
 - ✓ Obesity Study (Academic), with some simple walkability maps.
 - ✓ Homosexuality Atlas (A lot of maps of political and legal status in the world, some technology could help him)
 - ✓ Pic Feel (useless app, presented by some joker from UJI)
 - ✓ Javier Gutierrez (UCM) gave a very good presentation on geolocating pictures and analysing the behavior of tourists with different points of view. He won the best presentation award and the way of working and presenting should take in account.
 - ✓ UJI presentations on Smart Parking and ERMES went well, although Nacho suffered (not his fault) at the end when time ran out and some people left to get coffee.
 - ✓ Educational Agreements: We should start from the top (vice-rectores, ...) to down (teachers, students, ...). The other way is harder, but is happening slowly across Spain (30 universities with site licenses).
 - ✓ Doctoral Thesis Award to Asturian guy, Santos Fernandez, who studied and mapped a regional area and create very valuable content, but he has no job currently. (Too much focus on nice maps, not enough on analysis?)
- Business Area.
 - ✓ Presented their solutions (TomTom, SaS, Leica geosystems,...). Can't find value for us.
 - ✓ GIS Indoor (Eptisa TI): They study their client problem and indoor context, find the current, third-party, indoor localization technology that best solve the client problem and provide it with an integrated solution.

Final Comments

- It is needed Smart Castellón.
- These conferences are very different from academic conferences, but are good opportunities to make contacts and to learn about what is going on outside the university walls.
- We need more visibility for the university, we have tools and we can share.
- UJI powerpoint presentations should all have the geotec.uji.es URL on ALL slides, and also @geotec_UJi and other social media links. We need to make UJI more visible and generate more web visitors.

2.5

UJI

Attendance at Smart City Expo 2015 (All UJI ESR)

Date: 20 November 2015

MISSION REPORT

Name:
Manuel Portela

Institute/Research Group:
GEOTEC Research Group

Place & Organisation visited:
Smart City Expo World Congress 2015
Fira Barcelona, Barcelona, Spain

Duration of the mission:
17-19 November 2015

Persons contacted:

- Manuel Arenas (freelance technology journalist)
- Martin Brynskov (Aarhus University and Agile and Open Smart Cities)
- Pau Garcia (Data Domestic Streamers)
- Jose Luis Rubies i Viera (Institut Municipal d'Informàtica - Ajuntament de Barcelona)
- Mariano Lamarca Lorente (Institut Municipal d'Informàtica - Ajuntament de Barcelona)
- David Rodriguez (Urbiotica)
- Manu Fernandez (Independent consultant on Smart Cities)
- Boyd Cohen (Professor at Universitat de Vic and Consultant)
- Marc Garriga (desideDatum)
- Julia Lopez Ventura (C40)
- Mara Balestrini (ICRI Cities and Ideas4Change)
- Élisabeth Huyghues Despointes (StartupBootCamp)
- Debora Lanceni (Digital Ethnography researcher - UOC)

Interesting projects:

- Habidatum (<http://www.habidatum.com>)
- Geocraft
- LinkNYC (<http://www.link.nyc>)
- Jiffi (<http://jiffiapp.com>)
- BriteLocate 3D (<https://www.briteyellow.com>)
- Placemeter (<https://www.placemeter.com>)
- U-SmartToys (<http://www.usmarttoys.com>)
- Open & Agile Smart Cities (www.oascities.org)

Objectives of the mission: Attend to the conferences on SmartCityExpo World Congress to get an update of main topics on actual Smart Cities trend and look for projects related with the GEO-C Programme.

Main results of the mission:

On 17th-19th November, I attended the Smart City Expo World Congress in Barcelona (<http://www.smartcityexpo.com>). The numbers of the event are 3 days, 350 journalists, 500 cities, 500 speakers, 465 exhibitors, 14.000 visitors. It's a very big event where the industry, academy and government share ideas about smart cities, in its wide aspect.

Personal note: For me, was an interesting opportunity to meet new projects, people and have a reference point on the state of the art in the topic. Because It's the third time that I attend (this is the 5th edition), there are some details that maybe are obvious to me. The difference between this event and others more academic related, is that the diversity enables interesting discussions and different point of views emerge. Also for me, a political, social and technical aspects are needed to be together for a critical and real image of what is really happen in cities.

Finally, since there where a lot of conferences (6 simultaneous rooms), I've only attended a few that I've found interesting, more related with my research topic on Urban Interactions and participation.

The complete program can be seen here: <http://www.smartcityexpo.com/en/program/-/gaagenda/>

Day 1 - November 17th

@ Circular economy

- Design for Disassembly
- from ownership to service

@ thinking strategically about urban innovation

David altabev from Nesta shows the CITIE dashboard

Timo cantell from Helsinki Urban Facts and Helsinki Region Infoshare www.hri.fi y dev.hel.fi also talked about Open Ahjo and 6 city strategy

Mark Tucket from Sheffield showed the importance of the city, and its brand Mad in Sheffield as an historical symbol.

@ Co-creation: Harnessing the talent of citizens for urban innovation

The panel was quite interesting because a discussion between co-creation ideas as a problem solvers, and those that argue that despite that, a leader vision is required. Also the idea of Harnessing was criticized, the phrase "let the horse to design the Harness" was built.

Marco Berlinger from Universidad Autónoma de Barcelona, spotted some academic reflexions about digital commons. Stephanie Hogdes from Airbnb showed how the company could map some interesting events like Rio's world cup.

Was William Kistler from Urban Innovation Network who spotted against co-creation concept because the NIMBY attitude from citizens. And he proposed to work on education about participation, and also to work in compromise by a inspired leader.

Mark Elliot from Collabforge talked about a good definition of the problem to solve in order to have a reference point. Also talked about the "shared capability" that has to be chasing in people and a "flexible process" that could be designed by the citizens.

Among that, co-creation process can be hard to manage, can be frustrating and contradictory.

Finally, co-creation can't be measured in a quantitative way, qualitative methodologies are required. And the main concept is that in co-creation nobody owns the idea, it belongs to the common.

@ Implementing more sustainable urban mobility platforms

This plenary was very bad curated, because there was many differences between speakers. Corporate speakers are boring and usually they try to fit its product to the discussion.

But was interesting that Ridwan Kamil expose its idea to solve traffic problems that was "less mobility", because sometimes urban density is a good solution for mobility.

Day 2 - November 18th

@ Beck Simone Noveck (The Governance Lab) "smart citizens, smarter cities" [1]

She gave an impressive talk, very focused and inspiring. As her work with USA gov, she categorized different type of openData depending on the needs and the opportunity that gives.

Data for accountability (mejora tu escuela), Data for problem spotting (Linz data service and Singapore national agency), Data for problem solving (NYC ilegal apartment for fire prevention and Research Stack / HealthKit for health research), Data for Growth (NYC business Atlas).

She talked about "Data Collaboratives", not only gov's but business and NGO should open their data. E.i. Security water for food organization, or Waze connected cities.

But she said that to take advantage of all of this data is not simple to make an open call. Right skilled people must be found. She talked that could exists a "Tinder for governments".

Some projects, like Open Badges o Wisdom Bank can be useful. "Targeting the wisdom of civil servants for the public".

One example is Banco de talentos from Podemos Party.

"From Mass engagement to target engagement"

But the important thing is to Ask the right question. Gov is a curator of information now. And must secure a trusted framework and protect privacy.

She talked about Granular intelligence. That collecting data from citizens could be useful, and they become co-creators of the data. E.i. PulsePoint for Heartattack in London.

@ How citizen engagement , collaboration and partnership are reshaping cities?

Peter Madden from FutureCities Catapult remarked the important of crowdsourcing and crowdfunding projects from community, like SpaceHive, because that enable people to have agency and to make tangible things together. It also is a genuine bottom-up way and allows people to experiment and take risks. It is also an alternative for make funding for projects.

@ Raising resources and creating platforms to develop more equitable cities

Too organizations were presented that works as networks. EU smart cities initiative EIP SCC and Open and Agile Smart Cities. I liked the spirit of the last one, but it is really new.

What was discussed was that it is not about cover all the SC spectrum, but to get the things done. And despite of a big quantity of networks and organizations (there is a lot, is my opinion), each one helps in different levels.

@ Solutions for participatory and inclusive cities

Jesus from ONCE expressed his worries about accessibility perspective of smart cities, he asked if when a project is developed, accessibility is having in account.

Tanja from Harava showed a GIS solution diventeq.com

Peter Van Waart from Creating010 talked about Human values as an important key value for Interaction Design. The concept of Personas doesn't represent individual values, so different methodologies must be used. (More is showed in the pics) [2]

@ Edward Glaeser "The Genius of Cities" [3]

He argued that cities itself are problem solvers. That there is a "dance" between technology and urban life.

Some technology is CENTIPEDE which brings people together (pro-urban), and other is CENTRIFUGAL, that brings people apart (more anti-urban).

And in the history of cities, some technologies were pro-urban, like walls, ships, sewages. And others like Highways and cars were anti-urban.

But not always is so simple to view.

The important thing is build for cheaper, and charge people the social cost of anti-urban wayS of life, like suburbs and congestion charge.

@ More equitable cities with better quality of life

Joan Subirats said that "Equity is also about democratic quality" that power should be distributed and to think about if a technology is letting some people to loose and others to win.

I think that Daniel Doctoroff from Sidewalk Labs also pointed that Face to face contact is lifeblood of innovation.

Day 3 - November 19th

@ *Democratic forms of participation and platforms to engage and empower citizens*

It was a rare panel because the diversity of the speakers, but some interesting projects were showed. For example, Hila Oren from Tel Aviv talked about the policies to make a better city in Israel. She was very inspiring and talked about to be CityMakers. For that, they looked for a Unique Selling Point for promote their city and invest there. Big moves are having in topics like Food and local coins.

Miri City, from Malaysia, is a small city but they showed a lot of projects made by the community and founded by them. So the municipality could save much money and community were engaged.

Mateo Kalchschmidt from University of Bergamo, Italy, presented a good research project called Bergamo 2.035, about allowing people have different design approaches to the future of the city. He pointed 3 types of mapping methods:

- Urban mapping (traditional physical mapping)
- Experimental mapping (related with the perception of the cities)
- Social mapping (showing the relations in the cities)

After that, they made an Exhibition Lab to show the citizens the result of their work. [4]

Rashiq Fataar, from Future Cape Town, talked about the history of South Africa and the "most designed city in the world" as it was designed for racism (separating white and black people). For that reason, the created this group in order to make some activities to envisioning the future of the city (Ideas for cities, walks, forums and others projects was held). The question about "make places" for how design can build for the future.

@ *Solutions to improve urban governance*

First, Traci Hughes, Director of Columbia Office of Open Government (<http://dc.gov/page/open-government>), gave an inspirational talk about open data policies. She focused on an executive decision for supporting a open government plan (like Obama's Directive https://www.whitehouse.gov/sites/default/files/omb/assets/memoranda_2010/m10-06.pdf), concerning in maintaining the privacy of citizens at the same time that organizations are being opened.

Tomas Llorente presented a Methodology for "Management Efficiency in Local Public Services" which was very schematic but unclear in his explanation. [5]

Celestino Garia-Arias, from Universidad de Santiago de Compostela, made a comparison of Smart Cities Indexes, that in my opinion was a good and

interesting job, but I don't know where he took the information from. And, Pippa Gardner from Urban Tide, proposed a SmartCity Maturity Model for evaluate the city also in different categories.

Finally, Thomas Casey, from VTT Technical Centre, told us that systems and cities are implementing siled systems, and it should be interoperable systems. And that is not a technical problem but a political one.

@ Local and regional policies for smart communities

Some cities presented their point of view. Nothing new for what I've seen. Jerusalem presented its case in an interesting way, because it's population is really diverse and segregated. Ultra-ortodox and Muslims usually don't use technology, and they keep inside their communities, so community level is very important for them. "Technology can't attend every need" said Tamir Dayan, because they have to make a different approach for each community.

In Dubrovnik (Croatia), a very small and touristic city, is protected by UNESCO and they can't modify the urban landscape, so their approach is more related with entrepreneurship.

Beena Parbhu presented a project (<http://labs.srishti.ac.in/project/smart-community-auto-raja/>) to solve Indian mobility problems, related to infomal modes of transport and so.

@ Juliana Rotich (Ushahidi) "Innovation, Opportunity and Possibility: Platforms, Community and Technology" [6]

Last Keynote of the event was held by the co-founder of ushahidi.com, a mapping platform oriented for emergency moments and poor zones. The main question that she presented was "What is your emergency?". And she pointed 3 types of intelligence that can be used to solve problems: artificial, collective and augmented.

She also talked about the "feedback loop", because is not so importan that people participate in different projects, but to have an interaction with the organizations (govs or NGO).

Apart from that, she is concerned about "granular conditions" because for taking decisions, like build water pumps or bring internet, "people are poor in different ways in the same territory" and stakeholders must be aware of that.

Finally, we have to leverage network effects. It's important to create space for bottom-up and top-down meet. For example, she showed their project BRCK (<https://www.brck.com>) to bring internet to poor schools. She believes that "access is an equalizer". Another project from her <http://gearbox.co.ke>

Outlook

Every year new concepts or topics appears in order to spread the path of research and implement. The main outcome of this kind of events is that what is

discussed is a concern by a mix of actors, that of course are not the society itself but it enlightens the road about what is coming on.

It seems that traditional SmartCities market is around there, as Big companies offering solutions for cities, and also smaller companies offering typical “smartcity products” such as related to smart metering and decision-making dashboards. At the same time, several talks resulted on typical “smartcities discourses” like “If you can’t measure, you can take decisions” (which is totally fake in my opinion) and “we need to involve citizens”.

New approaches were introduced in this edition. A lot of startups showing simple and handful developments, which shows very much on the Startup environment concern and sharing economy trend.

In a discursive level, also new questions have been made, and some radical thoughts have been shouted. Despite that, nothing new had place.

For my purpose, social interaction or human interaction it seems to be a huge research area. A lot of products are developed without an integral/holistic vision, which is needed for a city-scale solution. Also a lack of integration between systems, in technical and political scales prevails. It’s clear that it shouldn’t be that way anymore.

But it’s a political than technical aspect. I mean, companies are actors and they have their political decision in case of their *closeness*.

Finally, design and participatory process seems the correct way to work with in all aspects, from design a product to make public policies. All the Keynotes were focused on that.

Main interesting topics:

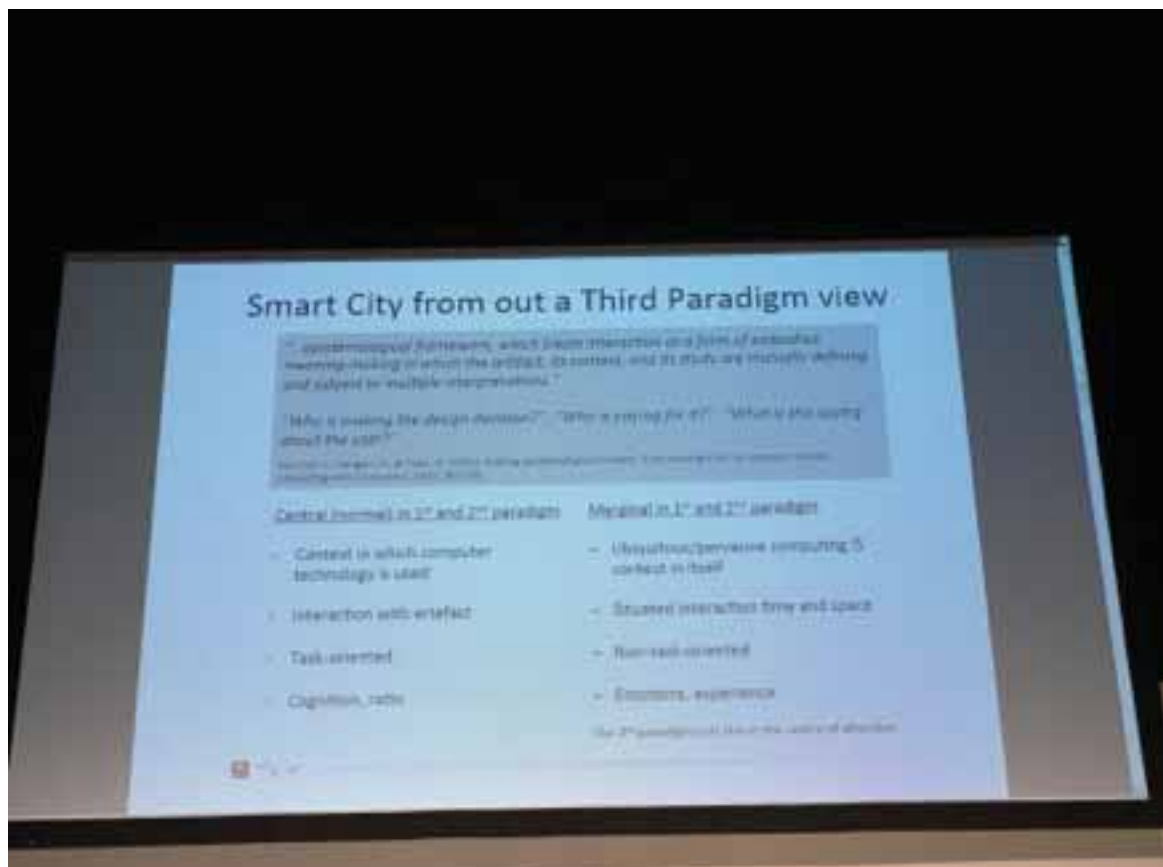
- Co-creacion vs collaborative vision
- Circular Economy
- SmartRural
- SmartFood
- Equitable cities
- SmartEducation
- Networks of Networks & Scalled standards
- Radical design and place-making for urban planning

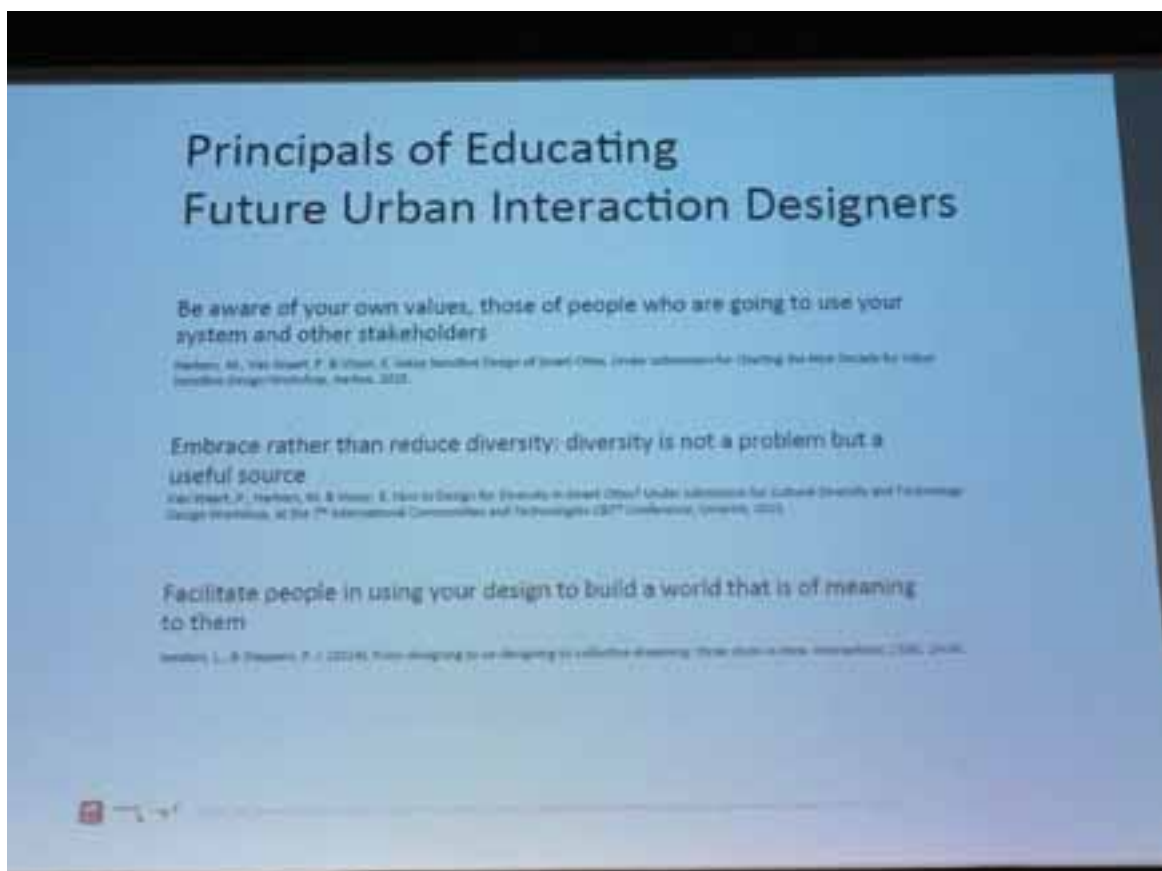
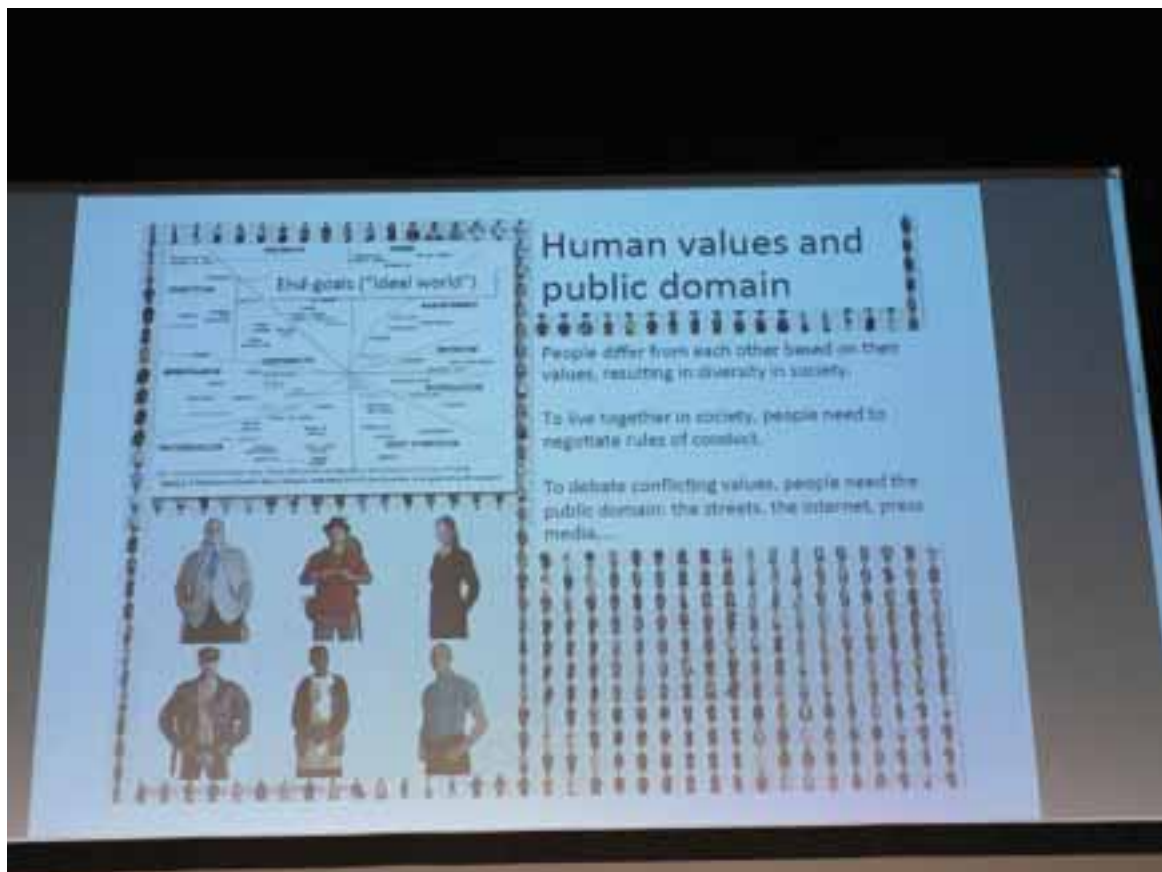
Pictures

[1] @ Beck Simone Noveck (The Governance Lab) "smart citizens, smarter cities"



[2] @ Solutions for participatory and inclusive cities

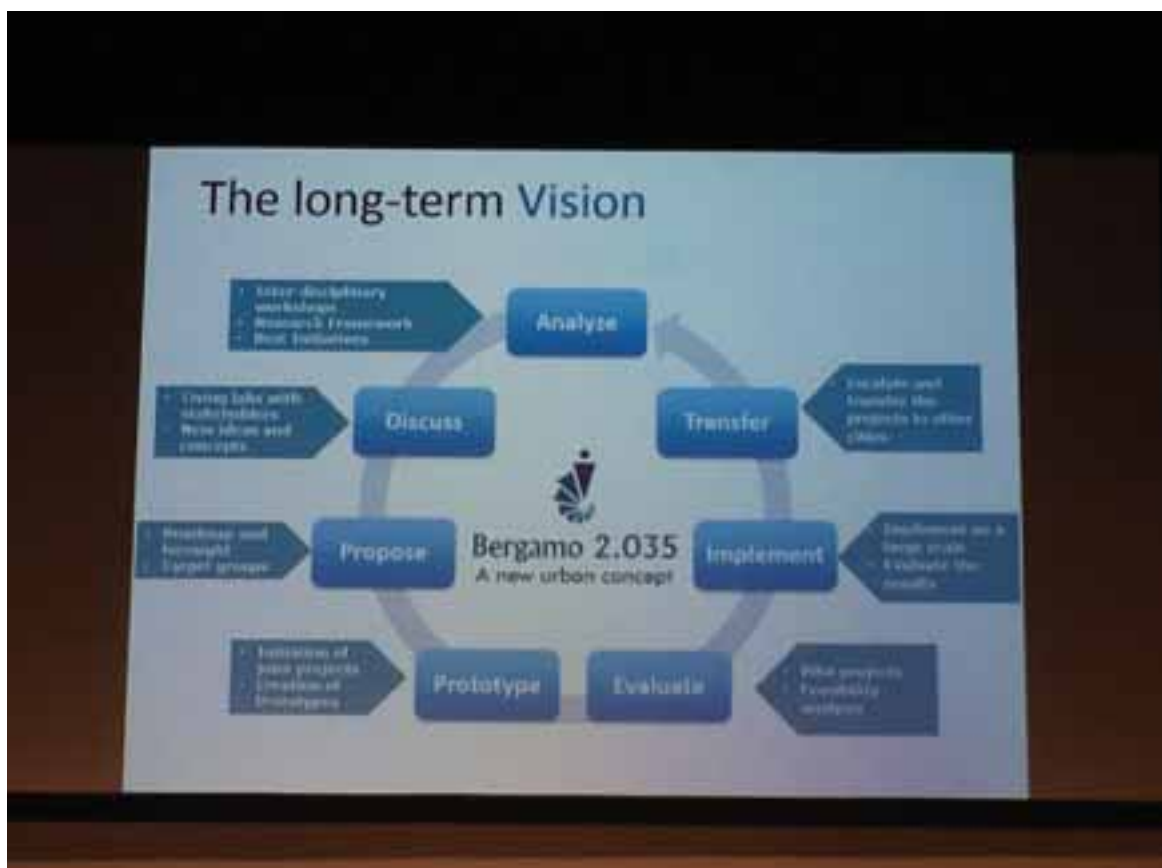




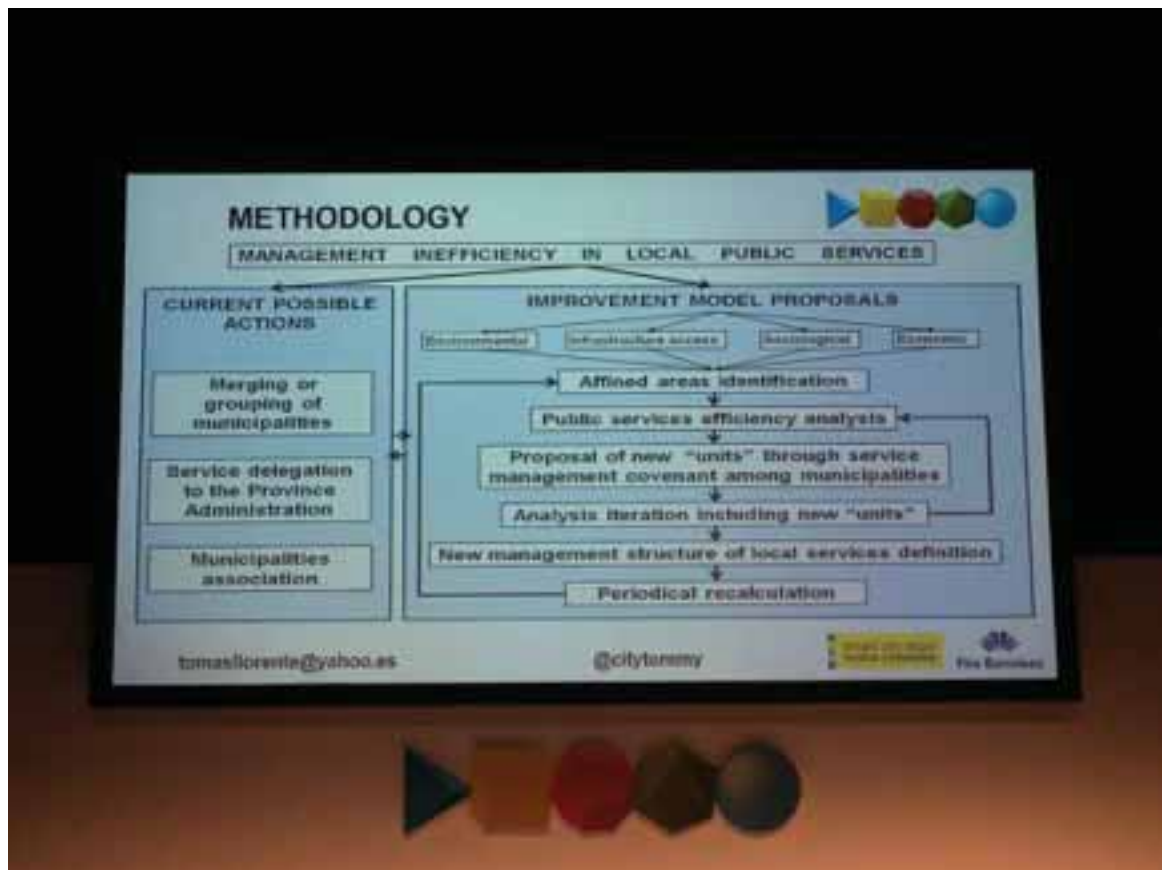
[3] @ Edward Glaeser "The Genius of Cities"



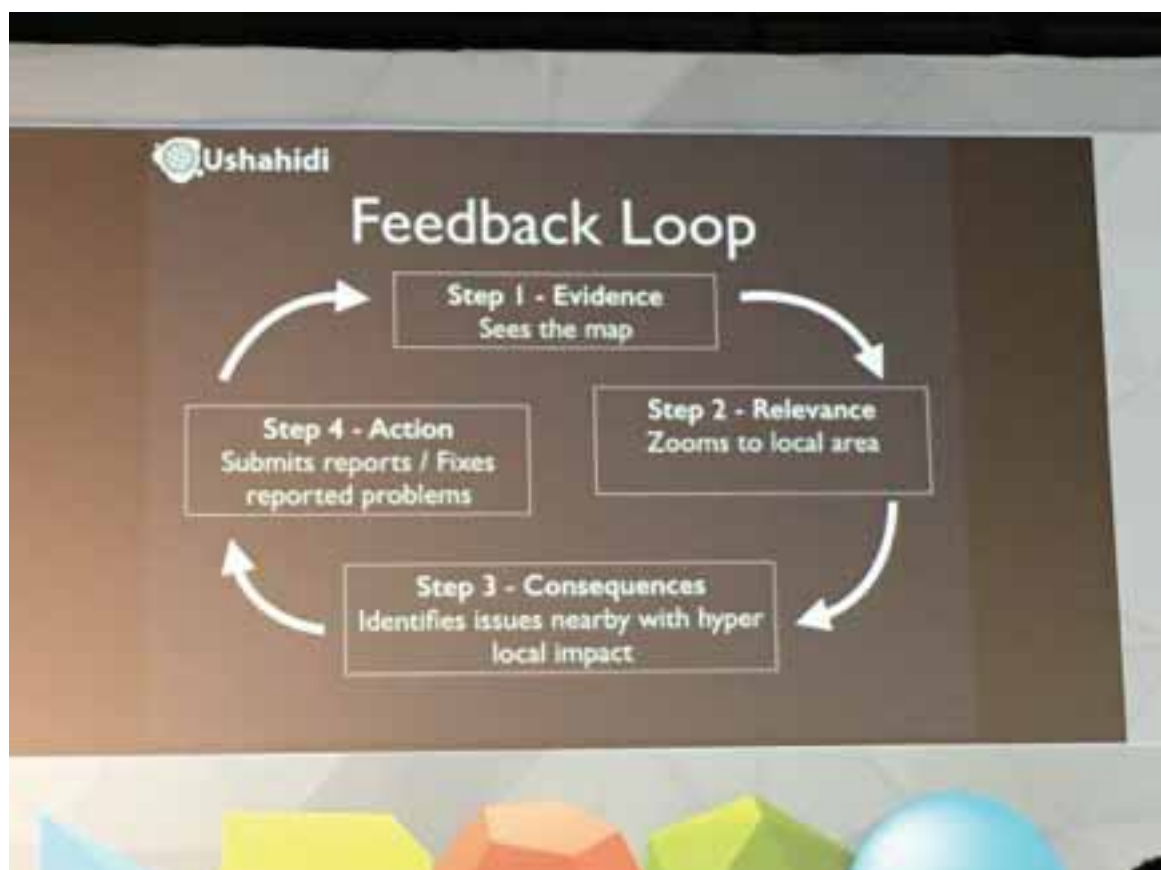
[4] @ Democratic forms of participation and platforms to engage and empower citizens



[5] @ Solutions to improve urban governance



[6] @ Juliana Rotich (Ushahidi) "Innovation, Opportunity and Possibility: Platforms, Community and Technology"





2.6

UJI

Attendance at Esri Dev Summit 2015 (Fernando B.)

GeoC and GeoTec UJI was part of Esri Developer Summit Europe 2015.

📅 14th November 2015 (http://geo-c.uji.es/blog/2015/11/14/) ↻ 5th October 2017 👤 esr (http://geo-c.uji.es/blog/author/esr/)



From November 10 to November 12, was held in Berlin the last Esri Developers summit in Europe, the main developer event of Esri in Europe which meet together with their customers, professors, some partners and students related to, GIS, Developers, and GI applications that use Esri Technology.

During this couple of days, the Geotec research group (http://www.geotec.uji.es/) and GeoC UJI (http://geo-c.eu/) presented two talks related to their projects and initiatives. The initial presenter was Dr. Pr Francisco Ramos (http://www.geotec.uji.es/staff/), who presented Picfeel", Using a funny and engage lightning talk, engage the audience explaining the mapping and visualization of the feeling of people, using GIS analysis and Psychology research.

The last presentation was, Ph.D. Candidate Fernando Benitez (http://geo-c.eu/people#esr), who presented Initiative Creating a GeoGeeks community. Presenting the last results and methodology to create a short and effective developer community in Colombia. Training more than 20 younger students and getting more than 100 applications using Esri technology and geographic knowledge.

The conference had more than 200 people related to Esri developers resources with more than 30 parallel sessions, regarding python, Java, education tracks, and some GIS advanced topics to create

solutions through Esri Technology.

📁 General (http://geo-c.uji.es/blog/category/general/)

📌 Esri (http://geo-c.uji.es/blog/tag/esri/), GeoGeeks (http://geo-c.uji.es/blog/tag/geogeeks/), Esr11 (http://geo-c.uji.es/blog/tag/esr11/)

🔗 permalink (http://geo-c.uji.es/blog/2015/11/14/geoc-and-geotec-uji-was-part-of-esri-developer-summit-europe-2015/) ✎ Edit (http://geo-c.uji.es/blog/wp-admin/post.php?post=593&action=edit)

← GEO-C brings together experts and citizens for a roundable discussion (http://geo-c.uji.es/blog/2015/11/03/geo-c-brings-together-experts-and-citizens-for-a-roundable-discussion/)

Geo-C UJI team visited Prodevelop → (http://geo-c.uji.es/blog/2015/11/19/geo-c-uji-team-visited-prodevelop/)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/)
- GEO-C appears in a UJI magazine "La Corriola" (http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/)
- Publication accepted for SEMANTICS 2017! (http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantic-2017/)
- GEO-C at Portugal Science and Technology Fair 2017 (http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/)
- PHD MASTER CLASS GEO-C (http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/)

Recent Comments

Categories

- Events (http://geo-c.uji.es/blog/category/events/)
- Scientific Publications (http://geo-c.uji.es/blog/category/papers/)
- Resources (http://geo-c.uji.es/blog/category/resources/)
- Students (http://geo-c.uji.es/blog/category/students/)
- General (http://geo-c.uji.es/blog/category/general/)

© 2015 Geo-C Blog

Proudly powered by WordPress (http://wordpress.org/). Theme B3 by Andrey K (http://andrey.ws/).

2.7

UJI

Attendance at Design And The City Conference 2016
(Manuel Portela)

**GEO-C – Joint Doctorate in Geoinformatics: Enabling Open Cities**

GEO-C IS FUNDED BY THE EUROPEAN COMMISSION WITHIN THE MARIE SKŁODOWSKA-CURIE ACTIONS, INTERNATIONAL TRAINING NETWORKS (ITN), EUROPEAN JOINT DOCTORATES (EJD). THE FUNDING PERIOD IS JANUARY 1, 2015 - DECEMBER 31, 2018, GRANT AGREEMENT NUMBER 642332 — GEO-C — H2020-MSCA-ITN-2014.

Date: 25 April 2016

MISSION REPORT

Name:

Manuel Portela

Institute/Research Group:

GEOTEC Research Group

Place & Organisation visited:

Design & The City Conference and Workshop
Amsterdam, Netherlands

Duration of the mission:

20 to 02-April of 2016

People contacted:

- Mara Balestrini (UCL - ICL)
- Alexandre Pólvera (Joint Research Centre at European Commission)
- Frank Kresin (Waag Society)
- Martijn de Waal (The mobile City)
- Tomás Diez (IaaC Barcelona)

Objectives of the mission:

Attend to the conference and workshop to get an update of main topics on the possible future discussions and to meet projects related with the GEO-C Programme and my research.

Main results of the mission:

Interesting thoughts about design and participatory sensing projects for the city-making. This is most related with my research, where an interdisciplinary approach suits better than the structured scientific conferences.

See more about The Hackable City manifesto (https://issuu.com/instituteofnetworkcultures/docs/hva_hackablecities_def_paginas_cove) and Design and The City event (<http://designandthecity.eu>). Essays can be seen here: <http://designandthecity.eu/theme/>

DAY 1 - Seminar on Smart Cities

<http://designandthecity.eu/smart-city-projects-what-lessons-can-be-learned-from-the-experiences-so-far/>

Amsterdam Smart City @ Ger Baron (Chief Technology Officer at City of Amsterdam)

Baron just showed the plan for Smart City Amsterdam that sound much like others plans. Nothing really valuable.

The Amsterdam Innovation Ecosystem, A project factory? @ Dr. Willem van Winden (professor of Urban Knowledge Economy & Strategy, AUAS)

The study made by Willen was really interesting. They evaluated 12 of 75 projects registered in the Smart City Amsterdam (<http://amsterdamsmartcity.com/projects>) and they classified in different Categories. What is remarkable is that the City approach is not Clustered driven but oriented to tackle Social Challenges, getting together institutions and companies that work for a similar goal (Health, Mobility, Energy, Circular Economy etc)

The importance of the Amsterdam approach to smart city is that it is focus on Applied Technology and Networking.

Lessons Learned: Smart City scaling & business model @ Ir. Inge Oskam (professor of technical innovation and Entrepreneurship) and Dr. Willem van Winden

For this study, they have some key insights:

- Partnership is really important, but also who identify who has initiative and owns the project, make the project to go faster and stronger.
- Involvement of USERS: They notice that citizens are rarely involved in partnership. Users are referred to who has a goal in their behavior.

For scaling projects, they see 3 possibilities:

- Replication (replicate the project in different cities at the same scale)
- Expansion (to expand the project to a bigger area)
- Roll-out (Do it as a pilot and then sell it to let others to expand)

Then, there is a upscaling potential for those project, where not all of them have to scale. Some projects just solve local problems, and there is no correlation for

others places to replicate. In these kind of projects, documentation is important to share the knowledge.

And in case of scaling up, it is important to find partners that have different competencies and experience on scaling projects.

DAY 2 - Conference

<http://designandthecity.eu/>

Introduction

@ Tracy Metz

She remarked the importance of the new EU Urban Agenda, for promoting Decision Making in Cities.

@ Geleen Meijer

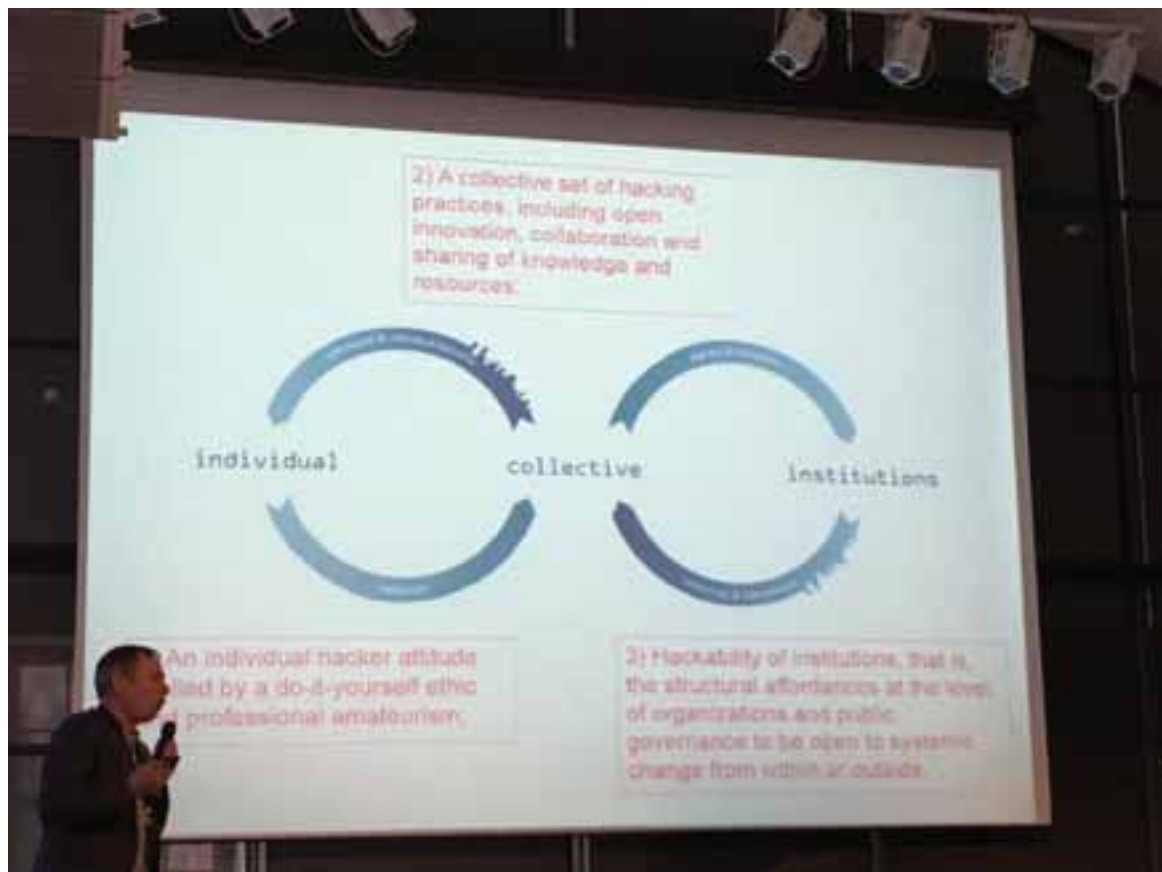
He pointed that Low-Tech Solutions help to create awareness for new citizens. Not always high-tech is necessary.

And for the AUAS (Amsterdam University for Applied Sciences), they have a common curricula that is focused on connect different disciplines, to focus in work together.

@ Martijn de Waal

He highlighted the project [TheHackableCity.nl](#) as a manifesto to revitalize cities. Also Fab City project that is taking place in Amsterdam this year because the presidency of the EU.

Also he was concerned on the role of the professionals (specially designers) in this new Smart City scenario. And the main framework was, which Martijn pointed, as the relation between individuals and community, and community with Institutions.



Design & The City

@ Tony García (Street Plans Collaborative)

From Miami, Tony Garcia is worried on how to create a culture shift. Street Plans is a group that use Tactical Urbanism (<http://www.tacticalurbanismguide.com>) for urban changing. With their method, they can change the status quo and make an iterative design process to reach the goal.

It also helps to change the idea of progress or the expectations of future to an imperfection (which is something that is always wanted from citizens. and probably never accomplished)

// From this talk, I realized the importance of the situational Awareness as a way to bring the people together. Taking the attention of people, could help to question themselves and to be more involved in the project. Also the task of involve people could help to find who would become a champion (the person that take leadership and use as it's own project)

@ Kristien Ring (AA Projects)

She talked about the self-initiated project, as a way to change the city. Co-housing, or Co-operatives, are good for build shared spaces, what she calls The Inter-City.

Also this User Approach of urban design help to accomplish long-term needs.

@ Saskia Beer (ZO! City)

She showed the TransformCity Dashboard which is a site where communities can interact with the actual urban projects and visualize data around. Sound interesting but there is no live demo. http://zocity.nl/?page_id=605

Design & Socio-Economical Changes

@ Joost Beunderman (OO)

He talked about the Civic Economy, as a way to accelerate community initiatives. As a mix of Civil Society and Entrepreneurship. Both interesting projects are those that are Supportive Frameworks (like Esto no es un solar in Zaragoza) and those that can get a Critical Mass (Rotterdam).

The project <http://www.theopenworks.org> make an “Academy for System Change”. Also <https://birmingham.impacthub.net> is a good example how institutions (As a way to work together) are the governance of things. These new institutions can embrace new innovations.

@ Lisbeth Huybrechts (Ark research group, Univ. of Hasselt)

Beyond all the good intentions, there are a lot of grey zones in what society have accomplished engaging the public. The disappointments in the SmartCity project are usually related to tools that were designed or defined in narrow ways, giving an unidirectional sense.

She said that what makes Smart Cities work is the Democratic Dialogues. In some stages she described how committing dialogues in the community, how questioning dialogues and how express dialogues, help community to build their city.

@ Prof. Dr. Ben Schouten (prof. Playful Interactions in Smart Environments, Univ. Eindhoven)

Regarding the role of civic media, augmentations has an important place for engagement ownership (and leadership). Virtual Reality or Games can be future builders, giving arguments for create realities.

Design & Smart Citizens

@ Christian Nold (Extreme Citizen Science group at UCL)

Design meaningful and political data? Nold suggest us to “design within controversies”.

Talking about the Heathrow Airport project (<http://designandthecity.eu/essays/how-designers-can-reshape-public-controversies/>), he talked about how hard infrastructure and political debates come to place as a relational infrastructure of a controversy.

Technology and Metrics, in this case, mediate between. And do so, metrics are made from a lot of people, where is a lack of passion on behalf of them. It doesn't take any discussion. Metrics are designed to delete people's voice. It's evidence (or data premises), not arguments.

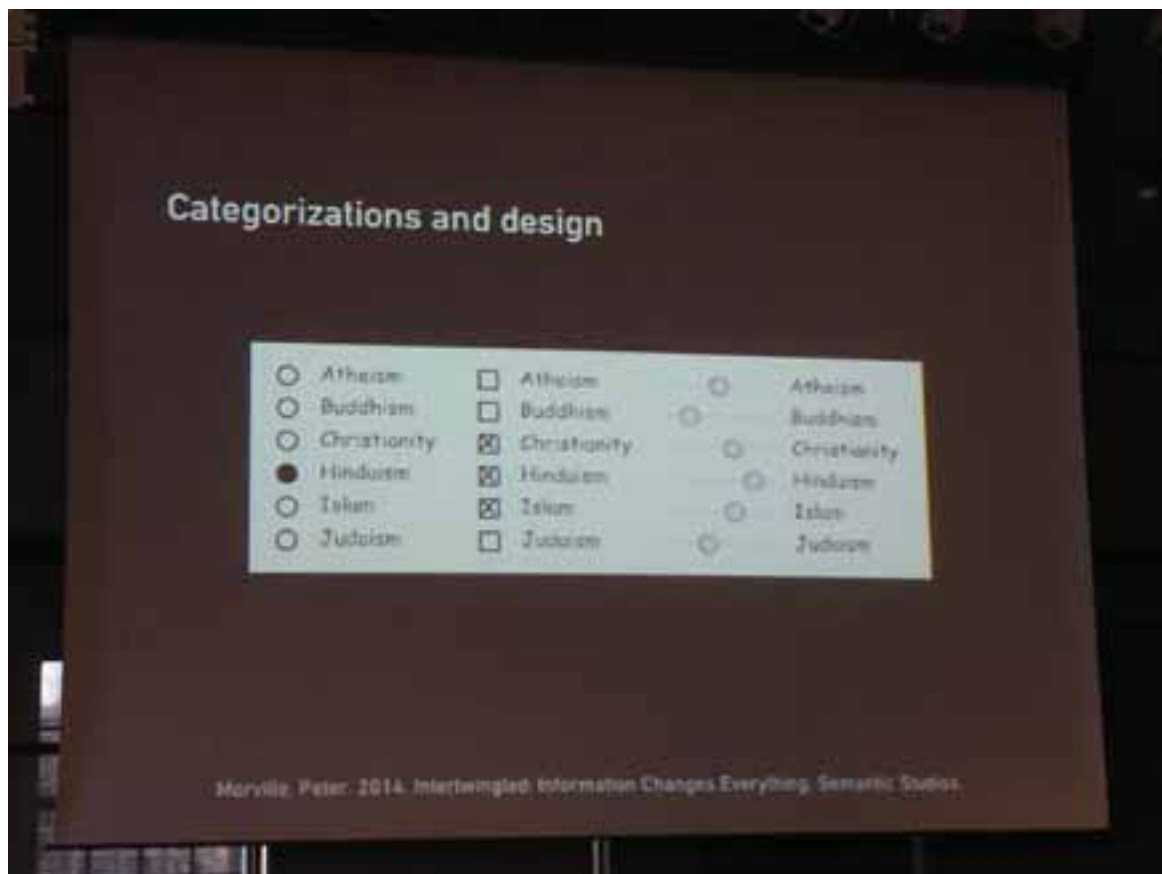
So, involving within controversies is a way to open new spaces of design to face political and civic controversies.



// This talk give me two important insight. The necessity of doing a workshop or regular meetings for design the tech projects with the involved people. And also that visualization of data can have different approaches, for example, LED displays in public spaces, or just buttons, or apps, each one have a different reaction depending on the type of data.



@ Dietmar Affenhuber (Art+Design and Public Policy dept, Northeastern Univ.)



“Design is Governance, Governance is Design” as he stated to say that language is a form of design. And language regulate our behavior. For do so, Organizations are a type of language.

Also Language in the role of measurement can take us to an imposition of an order. For example, the “infrastructure of transactionalization” as we know the wereables and bitcoins where it can take us to a negotiation of life in terms of mere micro transactions and game rules (<http://www.befuddled.org>).

This arguments, take us to question which is a “public good”. Because if everything can be measured, public goods can become private goods. One example of this “Aesthetics of transactionalization” is the Uber User Interface, where the company convince you that you don’t have to think wherever you are for get rid of a taxi service, or the Bitcoin algorithmic government where “nobody governs it”.

He see it as “A man that pretend to be a machine”

// See here the importance of language as a UI.

Here, design has an important role on giving some accountability, to call the attention of measurement and governance. To make the system legible. (See an example in <http://www.cnet.com/news/street-lights-to-spy-on-everything-that-happens-in-vegas/>). The concept Ambient Accountability is a good approach: <http://ambient-accountability.org>

But bitcoin can be useful for some projects, for example, Cryptographic Heritage (<https://medium.com/@dietoff/cryptographic-heritage-1175ea39be59#.5jure35z7>).

@ Dorien Zandbergen (Univ. of Amsterdam)

For Dorien, the SmartCity discourse is normative. She question the concept on “citizen empowerment”.

As talked before, she is aware that active citizens are converted in “users” in this discourse.

So, we have to take notice what power is in digital society?

for example, there is a capacity to resist or limit the use of digital technology?

See <http://gr1p.org>

@ Thijs Turèl (Democracy by Design program at Alliander)

He showed a project that his company (a neutral energy operator) is intended to promote as “democracy by design” where electric car chargers take rid of geopolitics. In this regard, what happen if you have an Chinese car in an American charger and it suddenly stop charging it?

<https://www.alliander.com/en>

Design & The City @ Dan Hill (Head of Arup Digital Studio)

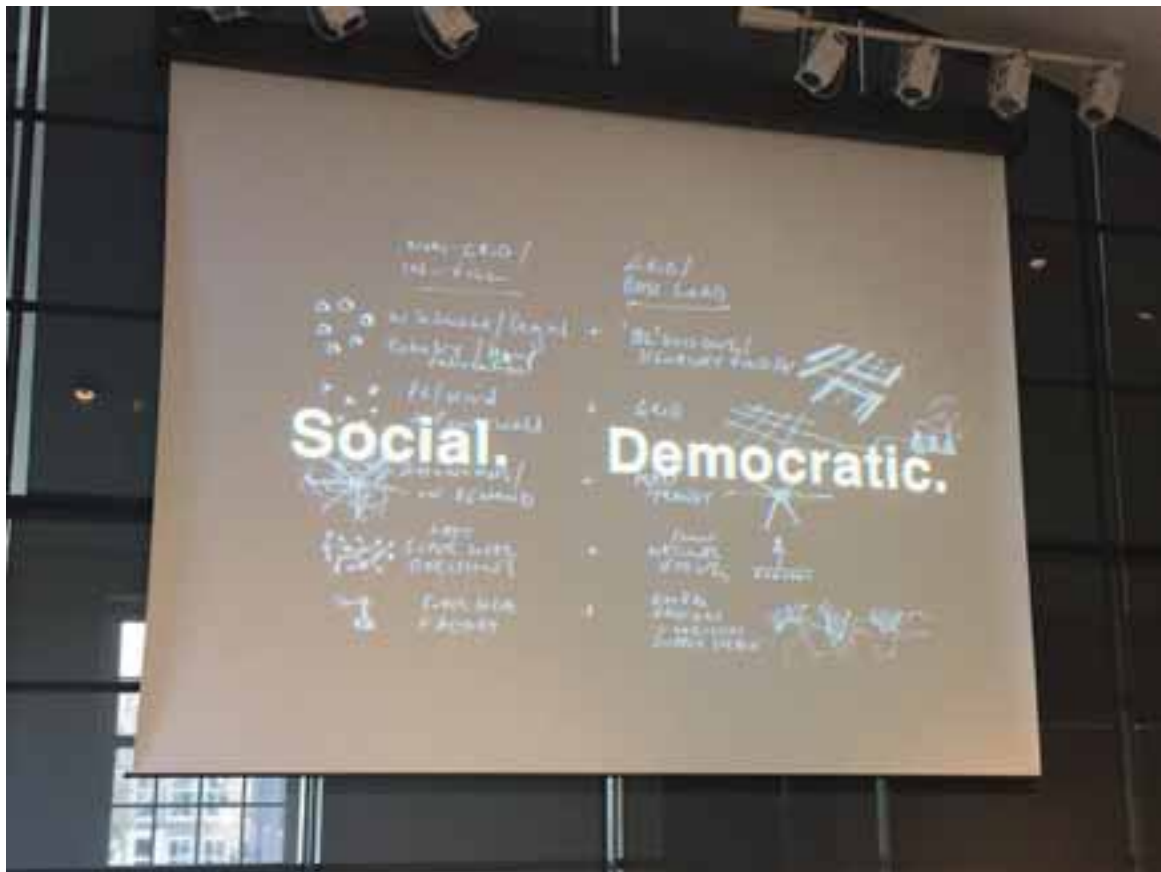
He had a lot of questions that came up in the conference. How do we legitimate our projects? How to make it equitable and accesible? How to engage ? Should we use tactics or strategy ?

We can be radicals on public spaces or be radicals on private spaces, but also are shades in the middle.

So, how do we accomplish resilience “beyond the bubbles”?

The answer is not about startup but to “revel in complexity”. A kind of being cooperative technological for city-making.

“The incomplete city” is between the grid and the non-grid system. Between the social and the democratic. Where social is distributed, and Democracy is more ruled, where it's orderliness is placed over a grid. One is not the other and both are needed.



DAY 3 - Making Sense workshop and Talk

<http://designandthecity.eu/programme/workshop/making-sense-advances-and-explorations-in-participatory-sensing/>

<https://dezwiijger.nl/programma/making-sense-of-the-smart-city>

Organized by the research group <http://making-sense.eu>

@ Tomas Diez (Fab Lab head at the Institute for Advanced Architecture of Catalonia)

Developer of SmartCitizenKit 4 years ago, more than a thousand sold. But much of them are inactive. So the problem is how to maintain the community and adapt to new functionalities.

@ Mara Balestrini (HCI at UCL and ICL)

Mara Balestrini, who have been researching during the last four years is concerned about the difficulties on deploy urban sensors in communities. Technology requires skills to set it up, and to make it work. For those that are willing to participate, to maintain these devices is not easy. Also the meaning of data that they generate is not clear, because inaccuracy of the sensors and the need of calibration or sometimes the lack of a real impact in their life.

Open source technology also has its difficulties in the openness of the data, the sustainability of the project and protecting the privacy of users. For example, the platform Pachube (designed by Husman Haque to integrate open sensor data) was sell to a private company and it become Xively, shutting down the support for the community.

Nowadays most of the sensor projects have to have its own platform because of lack of integration. This becomes a controversy in terms of the commercial relation and the community driven projects incompatibility.

Accuracy, also becomes an important issue, since the cost of technology. To compensate this, granularity is needed, where the average value becomes more precise. But, once again, it remains controversial if it is not focused on a campaign that can tell the story.

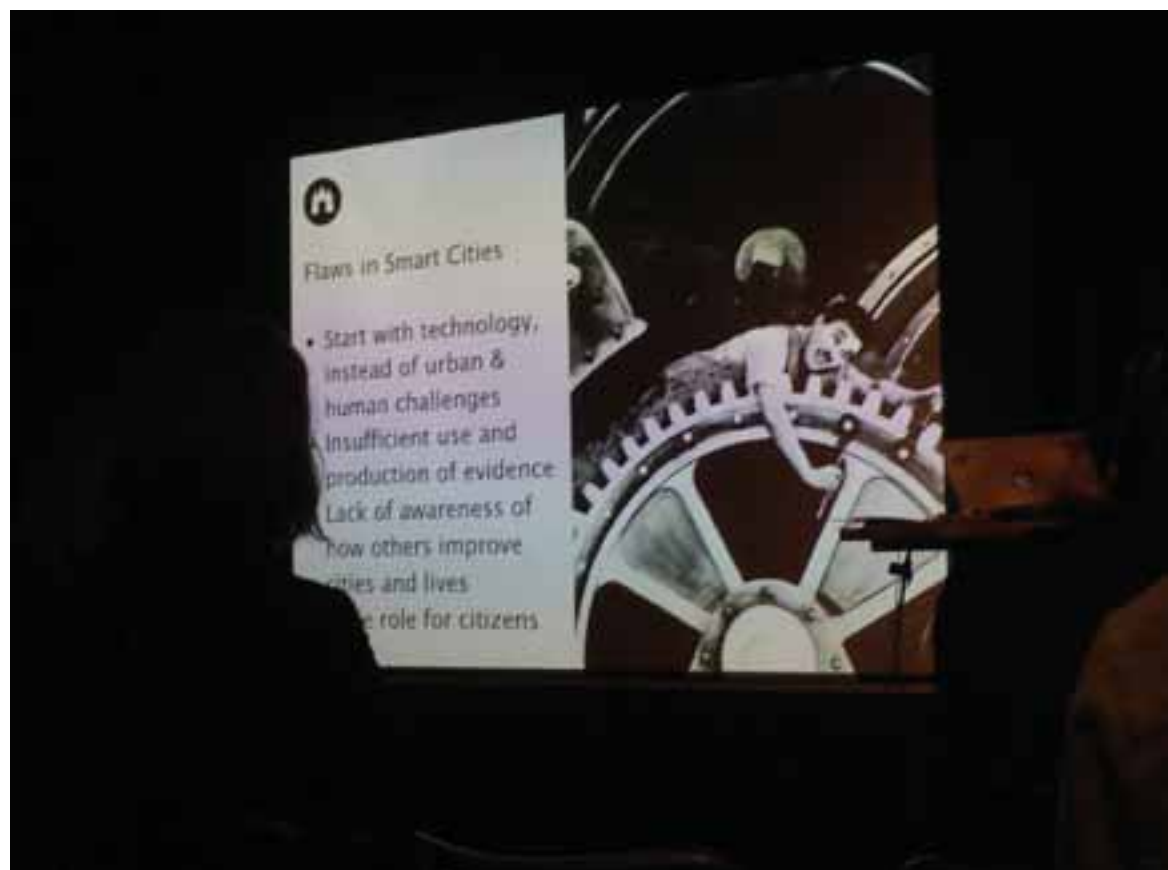
Good projects to pay attention:

- <https://arrayofthings.github.io> as they work with visual design to be aware of sensors in cities, visually attractiveness can engage.
- <http://projetromeo.com/en>
- <http://www.designboom.com/design/summer-scouts-mia-meusburger-johanna-pichlbauer-06-02-2015/> as bots that use storytelling to measure ambient and predict possible futures

@ Mel Woods (DJCAD Visual Research Centre, Dundee Contemporary Arts)
She focused on campaigning, or how to reach communities for start a project. She's trying to develop a campaign framework to help people and community to have indicators for campaign rolling. Sometimes rules help people to make sense.

There is a related project: http://www.socientize.eu/sites/default/files/white-paper_0.pdf

@ Christian Nold (Extreme Citizen Science group at UCL)
Again, Nold make its intervention to say that Design need to actively engage with site of use. And look for the controversies.



@ Alexandre Pólvara (Joint Research Centre at European Commission)

Finally,

we had a discussion on Ethics and the development of technology from a community perspective.

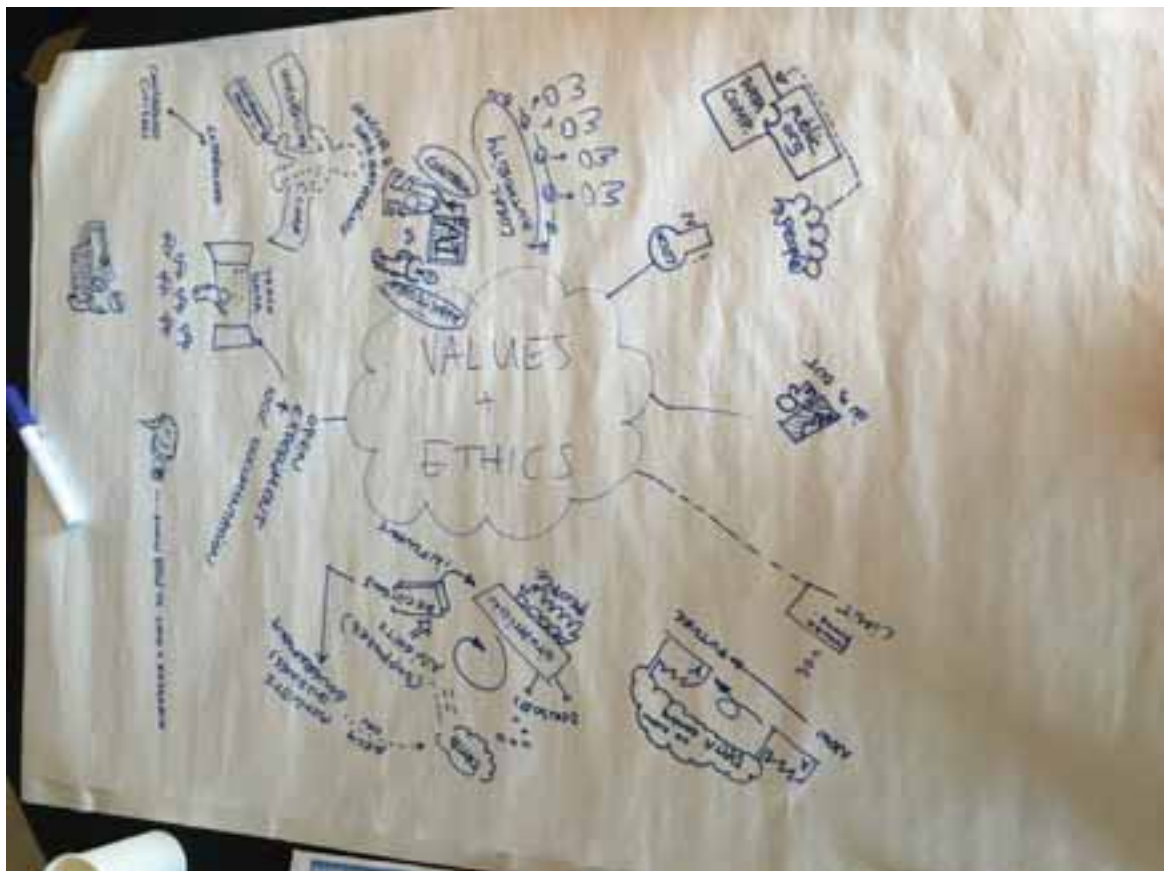
Some topics defined what have to be a “Future-Proof Technology”, as thinking about what would happen in the future what all the data and hardware if everything changes, how to ensure the privacy and fair use of it?

For one part, we have to teach about data ethnography. What is possible to do with it? what kind of data helps to do what?

Also data sharing has to be contextual, not everyone has to have access to all the data, just to be selective to ensure privacy and data protection.

In a technological future, should be a sort kind of opt-out or invisibility cloak for those that don't want to be measure.

And we have to be aware to the decision making process with theoretical framework. The circle that data generates visualization, and those visualization generates decision-making process that affect people behavior could be dangerous.



2.8


UJI

Attendance at UC -Education Esri Conference (Fernando
B.)

(http://geo-c.uji.es/blog/)



GeoTec Group and GeoC UJI presented several talks in last Esri Spain user conference.

9th November 2016 (http://geo-c.uji.es/blog/2016/11/09/)  esr (http://geo-c.uji.es/blog/author/esr/)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7288.jpg) From October 26 to October 27, was held at Madrid the last Esri Spain User conference (http://conferencia.esri.es/), the main event of Esri Spain company which meet together their customers, professors, some partners and students related to, GIS, smart Cities, Open Data, and GI applications that use Esri Technology.

During this couple of days, the Geotec research group (http://www.geotec.uji.es/) and GeoC UJI (http://geo-c.eu/) presented several talks related to their projects and initiatives. Education track was the place to meet with some professors, Esri Master program students, and other people interested with the progress and success stories related to educations and GIS applications.

David Frias (https://es.linkedin.com/in/dfrias/en), who led the talks called, "NavApps: Un juego móvil para mejorar las habilidades espaciales en la ESO (http://www.slideshare.net/DavidFrasGarrido/navapps-conferencia-esri-2016?qid=dc6207ae-0de4-4356-8bdb-737281c1d150&v=&b=&from_search=6)", was the initial talk for GeoTec research group. Whom presented the process made for ENABLE project. NavApps project is a geo-game with APP/Web application to improve the spatial skills of children from 12 to 16 years old, which is also part of ENABLE project.

This project was presented in the plenary session such part of the Education track and latterly, he had a interview about NavApps project in order to engage more people to this interesting project.

The GeoTec's second talk was led by German Mendoza (http://www.geotec.uji.es/staff/), a Phd Student who addressed the "UJI SmartLibrary (http://www.slideshare.net/GermnMartnMendozaSil/ujis-smart-libraryesri-espaa-2016)", which focused on using indoor positioning based on WiFi fingerprinting techniques to improve the guidance that a smartphone application provides to users that are searching for books in the UJI's Library. He described the encountered challenges and their solutions.

The third presenter was Dr Pr Francisco Ramos (https://www.linkedin.com/in/fjfranciscoramos), who presented "Smart Beetles: los servicios de una smart city en un videojuego (http://www.slideshare.net/francisuji/esri-spain-conference-are-you-a-smart-citizen-try-smart-beetles?qid=a133ad27-8d82-48b7-aa8d-672f2935a0a1&v=&b=&from_search=1)". Using a funny and engaging talk, he attracted the audience's attention through 3D and spatial process, while introducing his current project Smart Beetles. Smart Beetles is a native 3D game to play with a beetle meanwhile clean your city and avoid humans been.

The last presented was, Phd Candidate Fernando Benitez (https://co.linkedin.com/in/mfbenitezp), who presented Initiative CityData 3.0, "Estrategia para mejorar el uso y la búsqueda de información espacial abierta en las ciudades" (http://www.slideshare.net/FernandoBenitez20/citydata-30-geoc-enabling-open-cities). This talk addressed his current research, which is part of GeoC Project. During his presentation, the audience had the opportunity to know about GeoC project and its university reach, and the current progress of the Esri11 research topic (http://geo-c.eu/topics). The aim of this research topic was called CityData 3.0 for meaningful geographic information for cities (http://geodata4opencities.org/), related to study and improve the re-use and discovery level of available open data in cities.



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5149.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5167.jpg)



(http://geo-c.uji.es/blog/wp-

content/uploads/2016/11/IMG_5161.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5152.jpg)




(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7313-1.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7314.jpg)

General (<http://geo-c.uji.es/blog/category/general/>)

Esri Spain (<http://geo-c.uji.es/blog/tag/esri-spain/>), NavApps (<http://geo-c.uji.es/blog/tag/navapps/>), Smart Library (<http://geo-c.uji.es/blog/tag/smart-library/>), Talk (<http://geo-c.uji.es/blog/tag/talk/>), Esri11 (<http://geo-c.uji.es/blog/tag/esri11/>), GeoC Project (<http://geo-c.uji.es/blog/tag/geoc-project/>), GeoTec (<http://geo-c.uji.es/blog/tag/geotec/>), Open Data (<http://geo-c.uji.es/blog/tag/open-data/>)

permalink (<http://geo-c.uji.es/blog/2016/11/09/geotec-group-and-geoc-uji-presented-several-talks-in-last-esri-spain-user-conference/>)  Edit (<http://geo-c.uji.es/blog/wp-admin/post.php?post=276&action=edit>)

← GeoC UJI and Nova were part of GeoMundus 2016 conference. (<http://geo-c.uji.es/blog/2016/11/07/geoc-uji-and-nova-were-part-of-geomundus-2016-conference/>)

Open Data for Open Cities GeoC Workshop in Geomundus conference → (<http://geo-c.uji.es/blog/2016/11/11/open-data-for-open-cities-geoc-workshop-in-geomundus-conference/>)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (<http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/>)
- GEO-C appears in a UJI magazine "La Corriola" (<http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/>)
- Publication accepted for SEMANTICS 2017! (<http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/>)
- GEO-C at Portugal Science and Technology Fair 2017 (<http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/>)
- PHD MASTER CLASS GEO-C (<http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/>)

Recent Comments

Categories

- Events (<http://geo-c.uji.es/blog/category/events/>)
- Scientific Publications (<http://geo-c.uji.es/blog/category/papers/>)
- Resources (<http://geo-c.uji.es/blog/category/resources/>)
- Students (<http://geo-c.uji.es/blog/category/students/>)
- General (<http://geo-c.uji.es/blog/category/general/>)

© 2015 Geo-C Blog

Proudly powered by WordPress (<http://wordpress.org/>). Theme B3 by Andrey K (<http://andrey.ws/>).

2.9

UJI

Attendance at Open Smart Cities Summit 2016 (Fernando
B.)

Madrid Open Cities Summit

October 5th, 2016

 Register open until October 1st (<http://opencitiessummit.eventbrite.es>)

Cities open to citizen innovation (/).

The OCS will take place the day before IODC16, October 5th, 2016 at Medialab-Prado (<http://medialab-prado.es>).

"Open data secures space for citizen-driven development and greater collaboration between officials and outside actors. This can build open cities that adapt to meet the needs of their communities and businesses, rather than imposing top-down structures and solutions".

International Open Data Conference Roadmap 2015

Madrid Open Cities Summit 2016



The OCS will aim to:

Highlight how open data is being used around the world to improve the lives of citizens at the city level

Facilitate knowledge exchange around open cities

Ideate solutions to overcome identified challenges in creating open cities.

The OCS will bring together:

Civil servants in charge of Open Data policies;

CSOs and NGOs working with data at the local / city level

CSOs that don't yet work with data but want to learn how they can use data to improve the impact of the work they do at a local level

Data journalist

SMEs working in the field of Smart Cities, E-Government

Researchers interested in Open Data and Public Sector Innovation

Anyone who is passionate about using data and open principles to create positive change at the city level.

Structure

The summit will be structured in three parts

Firstly

Firstly, the summit will be opening a call for posters and city managers from all over the world will be able to tell how their open data policies are helping to improve the lives of citizens.

Secondly

Secondly, participants in the summit will be working in groups to ideate solutions to overcome four different challenges identified in the implementation of an open data policy at a city level: managing an open data policy, improving urban planning, mitigating climate change, and improving city competitiveness.

Finally

Finally, there will be open space to discuss the challenges and opportunities of creating an open city.

Challenges



Management of an Open Data Policy

Open Data is a source for knowledge and decision making. How should a city structure teams to ensure that the publication of datasets is compliant with technical and legal frameworks?



Urban Planning

Open Data, especially geospatial data, is very useful to understand trends in urban planning. How can a city open and link data sources to improve urban planning? How can open data help in the definition of new solution for common / urban problems?



Environment

Open Data can be an important tool to fight against climate change. How can a city use open data to monitor and mitigate environmental related issues, such as pollution?



Competitiveness

Open Data can be a source for new businesses and social projects that enhance competitiveness in a city. How can a city use open data to generate a vibrant ecosystem capable of developing new jobs and solutions for the city? How should open cities link into other broader discussions, e.g. Smart cities, Entrepreneurship?

Programme

TALK WORKSHOP ROUND TABLE UNCONFERENCE

Auditorium, Cantina and Backyard are the spaces in the same building, Medialab-Prado.

WEDNESDAY OCTOBER 5TH, 2016

MEDIALAB PRADO

AUDITORIUM

9.00 — 9.30

Registration & Coffee ☕🍰🥤 & Brainstorming Exercise

9.30 — 09.45

Welcome and Opening Remarks

09.45 — 10.20

Keynote: Amen Ra Mashariki, Chief Analytics Officer, New York City

10.20 — 11.10

City leaders panel: local issues and open data solutions, lessons learned, and setting short and long terms priorities

Moderator:

- Moderator: Alex Howard, Sunlight Foundation, What Works Cities initiative

Speakers

1. Maria Jesus Luis, City of Zaragoza (Spain)
2. Stephane Contre, City of Edmonton (Canada)
3. Nicola Graham, City of Dublin (Ireland)
4. Juan Prada, City of Montevideo (Uruguay)

11.10 — 12.00

Expert panel on what is an open city: emerging trends, scaling opportunities, strengthening networks.

Moderator

- Antonio Moneo-Laín (IADB)

Speakers

1. Barbara Ubaldi, OECD
2. Dinand Tinholt, European Data Portal
3. Stephen Larrick, Sunlight Foundation
4. Jean-Noé Landry, Open North

12.00 — 12.30

Break ☕🍰🥤

12.30 — 13.30

(Pecha Kucha/presentations) Public presentation of the eight projects developed along Visualizar'16 (<http://medialab-prado.es/visualizar>) international workshop at Medialab-Prado (<http://medialab-prado.es>) (26 September - 5 October) presented by José Luis de Vicente

MEDIALAB-PRADO

CANTINA AND BACKYARD

13.30 — 14.30

Lunch 🍷🍕🍴

Public presentations of posters

MEDIALAB-PRADO

AUDITORIUM

14.30 — 16.15

Ideathon workshops

Participants work in facilitated breakout groups to find innovative solutions to highlighted challenges by thematic areas.

- Theme 1: Open data portals and engagement mechanisms, Dinand Tinholt, European Data Portal
- Theme 2: Adopting the Open Data Charter Ana Brandusescu and Olivia Davies, WebFoundation
- Theme 3: Competitiveness and economic development Laura Manley, Center for Open Data Enterprise
- Theme 4: Smart and resilient cities Richard Gevers, Open Data Durban (South Africa)
- Theme 5: Interdisciplinary collaboration and organizational change Katelyn Rogers, Open Knowledge Foundation Eric Reese, Johns Hopkins University
- Theme 6: Fiscal transparency Sierra Ramirez, OpenContracting
- Theme 7: Making city services accessible Greg Bloom, Open Referral Initiative
- Theme 8: Standards and interoperability Oscar Corcho, Spanish Government Nico Tillie, World Council on City Data

16.15 — 16.30

Break

16.30 — 17.30

Ideathon workshops takeaways

17.30 — 18.00

Wrap-up next steps

19.00 — 20.30

Cocktail and networking 🍷🍕🍴

Organizing Committee

Katie Clancy
(<http://twitter.com/LandofKatie>)

Project Management Officer, Open Data for
Development program at International Development
Research Centre (IDRC)

Fernando Perini
(<https://twitter.com/fperini>)

Program Officer at IDRC, Perini is involved in the development of policy-oriented research projects at Open Data for Development..

Victoria Anderica Caffarena
(<https://twitter.com/vickyande>)

Project manager of Transparency of Madrid City Council driven from the Open Gov, Transparency and Citizen Participation Area.

Antonio Moneo
(<https://twitter.com/antoniomoneo>)

International consultant on Open Data, Learning and Knowledge Management Senior Associate at the Inter-American Development Bank.

Katelyn Rogers
(<https://twitter.com/kayhuit>)

Working Groups Community Manager at Open Knowledge International, BA in Philosophy and French from UCLA.

François Van Schalkwyk
(https://twitter.com/francois_fvs2)

Independent researcher and consultant in the fields of higher education studies, open data and scholarly communication at WWW Foundation.

Jean-Noé Landry
(<https://twitter.com/opennorth>)

Executive Director of OpenNorth, Canadian non-profit org. specialized in open data and civic tech. Steward of the Open Data Charter.

Stephen Larrick
(<https://twitter.com/slarrick>)

Cities/Open Data Lead at Sunlight Foundation, urbanist and advocate for open and participatory cities empowered through tech.

Adolfo Antón Bravo
(<https://twitter.com/adolflow>)

Project manager of Datalab at Medialab-Prado, PhD in Journalism, president of Open Knowledge Spain and free culture advocate.

...and more people to come, join Open Cities Summit and don't miss it.

Collaborators

If you want to join us please send us an email
(mailto:opencitiessummit@medialab-prado.es)

Contact

You can reach us by mail (<mailto:opencitiessummit@medialab-prado.es>), Twitter (<https://twitter.com/opencities2016>) o Facebook.

© Medialab-Prado (Madrid), Spain, 2016.

Source code (<https://github.com/medialab-prado/opencitiessummit>).

2.10

UJI

Attendance at OuiShare Fest (Barcelona) 2016 (Manuel
Portela)

Notes on Ouishare Fest BCN: The social approach to smart cities

📅 3rd November 2016 (http://geo-c.uji.es/blog/2016/11/03/) 👤 esr (http://geo-c.uji.es/blog/author/esr/)

(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_8422.jpg) Ouishare Fest (http://bcn.ouisharefest.com) is a non-academic event that took place in Barcelona and is connected to other similar events, like Ouishare Fest in Paris. It's main purpose is to discuss and show new initiatives regarding the Sharing Economy. This was my first time that I've attended. Particularly motivated to assist to the workshop organized by the Making Sense EU (http://making-sense.eu) project, and also to listen what is the perspective that BCN City Hall has around the Smart City discourse.

Ouishare is known as a non-enterprise oriented, but a community based organization. Beyond that, funding in the beginning of the project become from the main sharing economy companies, such as Airbnb. Nowadays, it remains, but in the Barcelona edition it won it main support from the Ayuntamiento.

I highlight this background because since the Mayor of Barcelona, Ada Colau, stated against the abuse of these kind of business and those related to Smart City discourse, many changes in Barcelona are happening around the scene.

One is the pushing for more startups oriented to Social and Solidarity Economy, rather than Sharing Economy. The first is based on a diverse exchange of goods and services, usually with alternative ways of money, trying to avoid rent and other abuses against local population. This fight between visions on the Sharing Economy is confusing because its terminology. It seems that most of the studies took place analysing the main companies, such as Airbnb or Uber. But a common problem is that those companies doesn't offer open data, or if they do, is just aggregated data.

Some authors argue that the model that they use is not Sharing but Gig Economy. Koen Frenkel, for example, he discriminates between On-Demand and Second Hand models inside the Sharing economy. The main difference is who and how is benefited and who loss in the middle. A lot of alternatives are growing that play in between these models. In this case, Boyd Cohen has a good analysis on what is going on in cities. From an Academic perspective, in Barcelona is working an Economy Collaborative Research Network (https://collaborativeconomyresearch.wordpress.com) that intend to address studies and share knowledge regarding the sharing economy.

The second perspective that Barcelona is addressing is Technology Sovereignty. Francisca Bria, the new CTO of the Ayuntamiento, showed her approach to it as a way to defend the data that the City Hall and neighbours belong to. She argued that not data should be open, but also algorithms, software used and infrastructure must be open to ensure sovereignty. The question on who owns the data is also depending on who owns the infrastructure. The concept of Data Commons bring an opportunity to embrace the openData movement with a big awareness on privacy by design.

The last important point is that we have to think about what problems we can solve in society from urban policy regarding technology. In place of think how to solve from technology, we must assume that technology provokes bias and discrimination on its implementation. For that reason, we must ensure that policies create an equalitarian scenario. One example on how are they addressing this is with Decidim.Barcelona (https://decidim.barcelona), based on the platform Consul (https://github.com/consul/consul) and similar to Decide Madrid (https://decide.madrid.es).

I think that this is a progress regarding the Smart City and Open Data movements that push local governments to a next level, ensuring social equality in decision-taking and not a centralised model based on privative software. A necessary step to create more human Smart Cities, based on distributed technology and enhancing capabilities of governments to embrace their own technology.

📁 Students (http://geo-c.uji.es/blog/category/students/)

🔖 sharing economy (http://geo-c.uji.es/blog/tag/sharing-economy/), ouishare (http://geo-c.uji.es/blog/tag/ouishare/), events (http://geo-c.uji.es/blog/tag/events/), #ES15 (http://geo-c.uji.es/blog/tag/es15/), smart cities (http://geo-c.uji.es/blog/tag/smart-cities/)

🔗 permalink (http://geo-c.uji.es/blog/2016/11/03/notes-on-ouishare-fest-bcn-the-social-approach-to-smart-cities/) ✎ Edit (http://geo-c.uji.es/blog/wp-admin/post.php?post=246&action=edit)



← Geo-C posters at the VGI COST Energic Final conference at the RGS (http://geo-c.uji.es/blog/2016/10/24/geo-c-posters-at-the-vgi-cost-energic-final-conference-at-the-rgs/)

Paper accepted for presentation @ LBS2016! → (http://geo-c.uji.es/blog/2016/11/04/paper-accepted-for-presentation-lbs2016/)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/)
- GEO-C appears in a UJI magazine "La Corriola" (http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/)
- Publication accepted for SEMANTICS 2017! (http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/)
- GEO-C at Portugal Science and Technology Fair 2017 (http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/)
- PHD MASTER CLASS GEO-C (http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/)

Recent Comments

Categories

- Events (http://geo-c.uji.es/blog/category/events/)
- Scientific Publications (http://geo-c.uji.es/blog/category/papers/)
- Resources (http://geo-c.uji.es/blog/category/resources/)
- Students (http://geo-c.uji.es/blog/category/students/)
- General (http://geo-c.uji.es/blog/category/general/)

2.11


UJI

Presentation at ESRI Spain conference 2016 "CityData 3.0,
'Estrategia para mejorar el uso y la búsqueda de
información espacial abierta en las ciudades'" (Fernando
B. and Diego Pajarito)

(http://geo-c.uji.es/blog/)



GeoTec Group and GeoC UJI presented several talks in last Esri Spain user conference.

9th November 2016 (http://geo-c.uji.es/blog/2016/11/09/)  esr (http://geo-c.uji.es/blog/author/esr/)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7288.jpg) From October 26 to October 27, was held at Madrid the last Esri Spain User conference (http://conferencia.esri.es/), the main event of Esri Spain company which meet together their customers, professors, some partners and students related to, GIS, smart Cities, Open Data, and GI applications that use Esri Technology.

During this couple of days, the Geotec research group (http://www.geotec.uji.es/) and GeoC UJI (http://geo-c.eu/) presented several talks related to their projects and initiatives. Education track was the place to meet with some professors, Esri Master program students, and other people interested with the progress and success stories related to educations and GIS applications.

David Frias (https://es.linkedin.com/in/dfrias/en), who led the talks called, "NavApps: Un juego móvil para mejorar las habilidades espaciales en la ESO (http://www.slideshare.net/DavidFrasGarrido/navapps-conferencia-esri-2016?qid=dc6207ae-0de4-4356-8bdb-737281c1d150&v=&b=&from_search=6)", was the initial talk for GeoTec research group. Whom presented the process made for ENABLE project. NavApps project is a geo-game with APP/Web application to improve the spatial skills of children from 12 to 16 years old, which is also part of ENABLE project.

This project was presented in the plenary session such part of the Education track and latterly, he had a interview about NavApps project in order to engage more people to this interesting project.

The GeoTec's second talk was led by German Mendoza (http://www.geotec.uji.es/staff/), a Phd Student who addressed the "UJI SmartLibrary (http://www.slideshare.net/GermnMartnMendozaSil/ujis-smart-libraryesri-espaa-2016)", which focused on using indoor positioning based on WiFi fingerprinting techniques to improve the guidance that a smartphone application provides to users that are searching for books in the UJI's Library. He described the encountered challenges and their solutions.

The third presenter was Dr Pr Francisco Ramos (https://www.linkedin.com/in/fjfranciscoramos), who presented "Smart Beetles: los servicios de una smart city en un videojuego (http://www.slideshare.net/francisuji/esri-spain-conference-are-you-a-smart-citizen-try-smart-beetles?qid=a133ad27-8d82-48b7-aa8d-672f2935a0a1&v=&b=&from_search=1)". Using a funny and engaging talk, he attracted the audience's attention through 3D and spatial process, while introducing his current project Smart Beetles. Smart Beetles is a native 3D game to play with a beetle meanwhile clean your city and avoid humans been.

The last presented was, Phd Candidate Fernando Benitez (https://co.linkedin.com/in/mfbenitezp), who presented Initiative CityData 3.0, "Estrategia para mejorar el uso y la búsqueda de información espacial abierta en las ciudades" (http://www.slideshare.net/FernandoBenitez20/citydata-30-geoc-enabling-open-cities). This talk addressed his current research, which is part of GeoC Project. During his presentation, the audience had the opportunity to know about GeoC project and its university reach, and the current progress of the Esri11 research topic (http://geo-c.eu/topics). The aim of this research topic was called CityData 3.0 for meaningful geographic information for cities (http://geodata4opencities.org/), related to study and improve the re-use and discovery level of available open data in cities.



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5149.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5167.jpg)



(http://geo-c.uji.es/blog/wp-

content/uploads/2016/11/IMG_5161.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_5152.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7313-1.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/11/IMG_7314.jpg)

General (<http://geo-c.uji.es/blog/category/general/>)

Esri Spain (<http://geo-c.uji.es/blog/tag/esri-spain/>), NavApps (<http://geo-c.uji.es/blog/tag/navapps/>), Smart Library (<http://geo-c.uji.es/blog/tag/smart-library/>), Talk (<http://geo-c.uji.es/blog/tag/talk/>), Esri11 (<http://geo-c.uji.es/blog/tag/esri11/>), GeoC Project (<http://geo-c.uji.es/blog/tag/geoc-project/>), GeoTec (<http://geo-c.uji.es/blog/tag/geotec/>), Open Data (<http://geo-c.uji.es/blog/tag/open-data/>)

permalink (<http://geo-c.uji.es/blog/2016/11/09/geotec-group-and-geoc-uji-presented-several-talks-in-last-esri-spain-user-conference/>) Edit (<http://geo-c.uji.es/blog/wp-admin/post.php?post=276&action=edit>)

← GeoC UJI and Nova were part of GeoMundus 2016 conference. (<http://geo-c.uji.es/blog/2016/11/07/geoc-uji-and-nova-were-part-of-geomundus-2016-conference/>)

Open Data for Open Cities GeoC Workshop in Geomundus conference → (<http://geo-c.uji.es/blog/2016/11/11/open-data-for-open-cities-geoc-workshop-in-geomundus-conference/>)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (<http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/>)
- GEO-C appears in a UJI magazine "La Corriola" (<http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/>)
- Publication accepted for SEMANTICS 2017! (<http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/>)
- GEO-C at Portugal Science and Technology Fair 2017 (<http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/>)
- PHD MASTER CLASS GEO-C (<http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/>)

Recent Comments

Categories

- Events (<http://geo-c.uji.es/blog/category/events/>)
- Scientific Publications (<http://geo-c.uji.es/blog/category/papers/>)
- Resources (<http://geo-c.uji.es/blog/category/resources/>)
- Students (<http://geo-c.uji.es/blog/category/students/>)
- General (<http://geo-c.uji.es/blog/category/general/>)

© 2015 Geo-C Blog

Proudly powered by WordPress (<http://wordpress.org/>). Theme B3 by Andrey K (<http://andrey.ws/>).

2.12

UJI

Presentation at Smart City Expo 2016 "Mobile apps for
behavioural modification encouraging green living"
(Michael Gould and Diego Pajarito)

Smart City Expo, perspective from geospatial researchers

5th December 2016 (http://geo-c.uji.es/blog/2016/12/05/) esr (http://geo-c.uji.es/blog/author/esr/)

Attending the Smart City Expo World Congress (SCEWC) is a common desire within ITC-related professionals and researchers, you find in a single place all commercial solutions, some customers showing their own experience with Smart City projects, some Experts discussing about future trends, and academics interested on meeting "Real" products to feed their own research.



(http://geo-c.uji.es/blog/wp-content/uploads/2016/12/IMG_8689.jpg)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/12/2016-11-17.jpg.jpeg)

Between thousands of attendees there were seven Geotec members walking through Europa Fira, listening to interesting and motivational speeches, while digging into multiple ideas from entrepreneurs, local government agents, young researchers and well-known companies.

Most remarkable issues there at the Expo were related to: circular economy, sustainable mobility, open data and artificial intelligence. Regarding there were...

Discussion about Sustainable Mobility was a full track on the agenda, and walking/cycling experiences were presented everywhere, a mix of mobile apps, infrastructure plan, sharing/rented projects were presented. Main tendency is to have less private individual vehicles and more public and shared bicycles, therefore cycling infrastructure will be part of this transformation. The session "Walkable and cyclable cities (http://www.smartcityexpo.com/en/agenda-2016?_p_id=GAFullView_WAR_gaagendascportlet&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_pos=2&p_p_col_count=3&_GAFullView_WAR_gaagendascportlet_jspPage=%2Fhtml%2FGAFullView%2Fdetail.jsp&_GAFullView_WAR_gaagendascportlet_idActivity=2341)" easily resumes those initiatives.

SCEWC2016 offered a rich set of keynote speakers, but Parag Kanna's presentation about connected cities had an important effect on attendees, his map-based speech showed future trends on urbanization and development of future cities (also smart). With a global view of connections he explained briefly how the world is showing us tendencies that must be attended, with his web tool (https://worldmap.harvard.edu/maps/connectography) those tendencies could be explored and analyzed.

Another interesting Keynote, gave by Susan Etlinger, was about how Artificial Intelligence and Machine Learning can be implemented in new solutions for cities, enhancing new developments such as image recognition, self-driving cars and conversational assistants.

Finally, the importance of sharing economy and governance of the city commons was presented by David Bollier. This alternative forms of creating economical development is rising on cities like Barcelona, looking to strengthen local business and entrepreneurship.



Prof. Michael Gould presented the preliminary results of the ESR07 project in the "Solutions for More Inclusive and Participative Cities (elevator pitch format)" track.

A full three days event is always exhausting, but attending during different days as a group will allow to identify multiple trends and development, this exercise helped Geotec on having a global look at state-of-the-art commercial solutions for Smart Cities.

ESR were also in contact with local partners from the program. Castellón City Hall representatives were present at the event, looking for solutions to improve the city. Also ESR15 shared experiences in the Urbiotica's stand, who presented its solution to different stakeholders.

(*) Geotec Researches who attended the Smart City Expo: Fernando Benitez (ESR11), David Frias, Khoi Ngo (ESR06), Diego Pajarito (ESR07), Manuel Portela (ESR15), Luis Rodriguez, Sergi Trilles, Michael Gould.

Events (http://geo-c.uji.es/blog/category/events/)

ESR07 (http://geo-c.uji.es/blog/tag/esr07/), ESR06 (http://geo-c.uji.es/blog/tag/esr06/), ESR11 (http://geo-c.uji.es/blog/tag/esr11/), #ESR15 (http://geo-c.uji.es/blog/tag/esr15/)

permalink (http://geo-c.uji.es/blog/2016/12/05/smart-city-expo-perspective-from-geospatial-researchers/) Edit (http://geo-c.uji.es/blog/wp-admin/post.php?post=321&action=edit)

← GEO-C researchers presented their results on the International UCAmI Conference 2016 (<http://geo-c.uji.es/blog/2016/12/05/geo-c-researchers-presented-their-results-on-the-international-ucami-conference-2016/>)

"Ontdek je Buurt" awarded at the UX Linked Data Challenge → (<http://geo-c.uji.es/blog/2017/01/09/ph-htm/>)



Recent Posts

- Feature-centric algorithms for georeferenced video search (<http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/>)
- GEO-C appears in a UJI magazine "La Corriola" (<http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/>)
- Publication accepted for SEMANTICS 2017! (<http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/>)
- GEO-C at Portugal Science and Technology Fair 2017 (<http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/>)
- PHD MASTER CLASS GEO-C (<http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/>)

Recent Comments

Categories

- Events (<http://geo-c.uji.es/blog/category/events/>)
- Scientific Publications (<http://geo-c.uji.es/blog/category/papers/>)
- Resources (<http://geo-c.uji.es/blog/category/resources/>)
- Students (<http://geo-c.uji.es/blog/category/students/>)
- General (<http://geo-c.uji.es/blog/category/general/>)

© 2015 Geo-C Blog

Proudly powered by WordPress (<http://wordpress.org/>). Theme B3 by Andrey K (<http://andrey.ws/>).

2.13

UJI

Attendance at FutureEverything 2016 (Manuel Portela)



GEO-C – Joint Doctorate in Geoinformatics: Enabling Open Cities

GEO-C IS FUNDED BY THE EUROPEAN COMMISSION WITHIN THE MARIE SKŁODOWSKA-CURIE ACTIONS, INTERNATIONAL TRAINING NETWORKS (ITN), EUROPEAN JOINT DOCTORATES (EJD). THE FUNDING PERIOD IS JANUARY 1, 2015 - DECEMBER 31, 2018, GRANT AGREEMENT NUMBER 642332 — GEO-C — H2020-MSCA-ITN-2014.

Date: 4 April 2016

MISSION REPORT

Name:

Manuel Portela

Institute/Research Group:

GEOTEC Research Group

Place & Organisation visited:

FutureEverything, Manchester Town Hall
Manchester, UK

Duration of the mission:

30-March to 02-April of 2016

People contacted:

- Mara Balestrini (UCL - ICL)
- José Luis de Vicente
- Scott Smith

Interesting projects:

- Project Ukko (<http://futureeverything.org/events/project-ukko-showcase/>)
- Smoking signals (<http://futureeverything.org/projects/smoke-signals/>)
- ArtAPI (<http://futureeverything.org/projects/artsapi/>)
- The Imitation Game (<http://manchesterartgallery.org/exhibitions-and-events/exhibition/the-imitation-game/>)
- Share+Care Economy

Objectives of the mission:

Attend to the conferences to get an update of main topics on the possible future discussions and to meet projects related with the GEO-C Programme and my research.

Main results of the mission:

Interesting thoughts about Artificial Intelligence and conversational bots were held. This is most related with my research, where an interdisciplinary approach suits better than the structured scientific conferences.

Day 1 - Introduction

[@clairebrai](#): Opened the event telling us that this is not rocket science, it is work to be done.

[@MrVikas](#) opened the conferences asking "how do we understand information? How do we share data and work with it?"

Day 1 - Intelligence

[@NellyBenHayoun](#) talked about her career where she takes authors like Burroughs (the invisible generation) and Arendt (alienation from hearth) to feed her Critical Thinking. In that regard, she postulated Chaos as a method for public engagement.

That method has 3 axis:

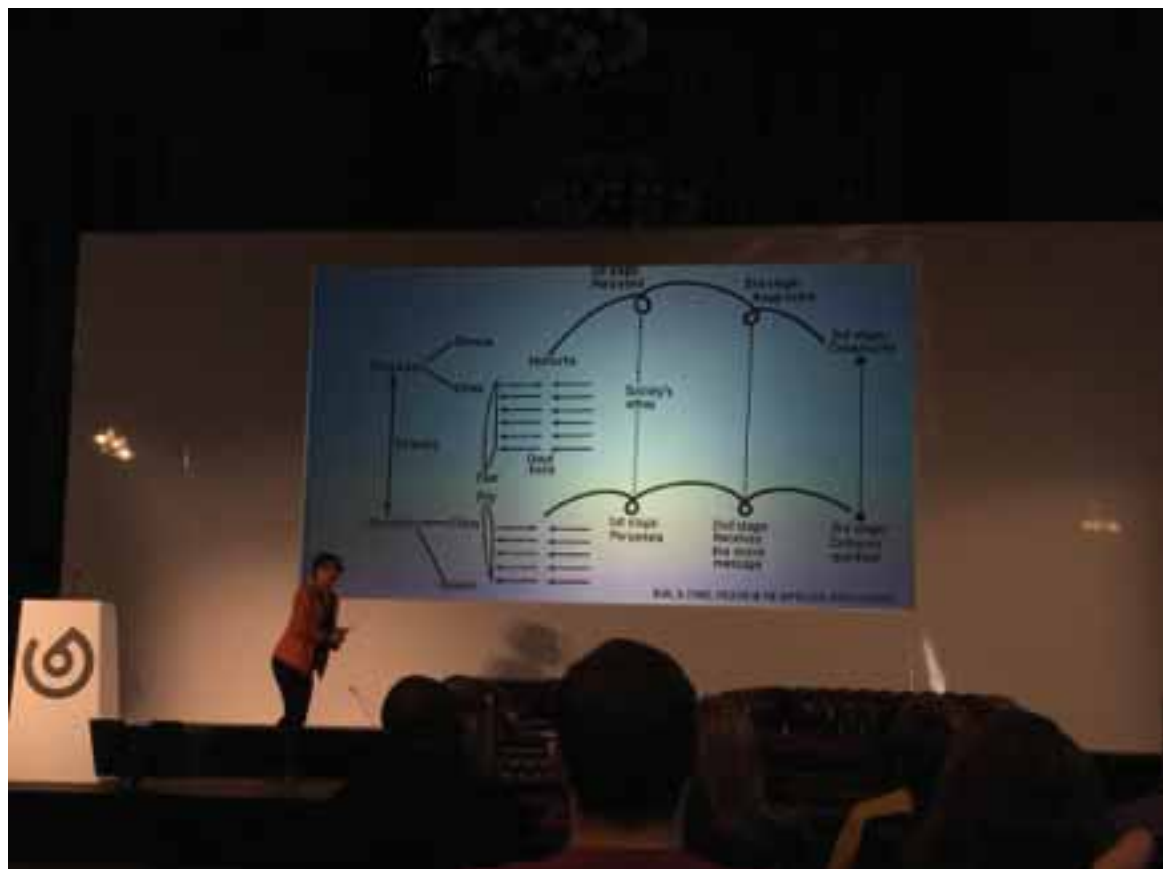
- Critical design (1999) as a problem finding approach (in place of problem solving)
- The theatre of cruelty (from Artaud)
- Existentialism (from Sartre) as "you are what you make" conception

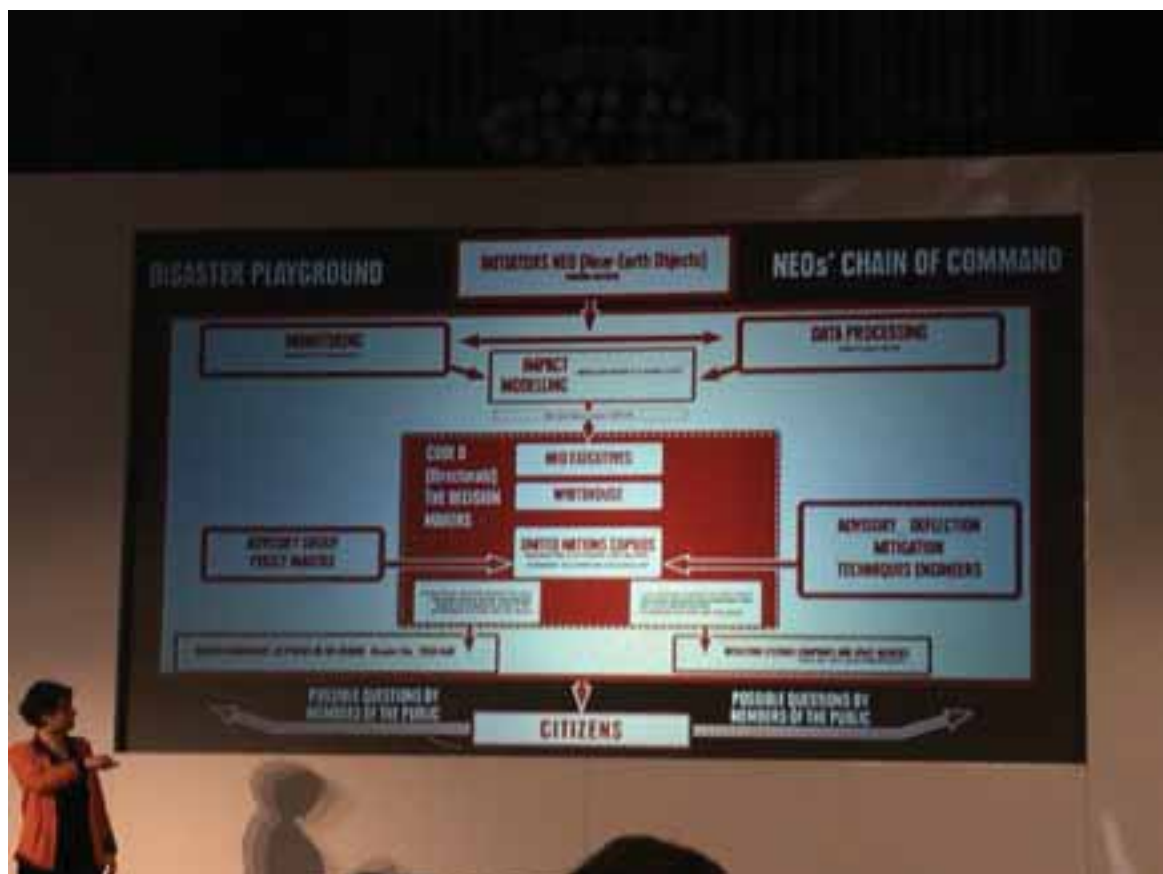
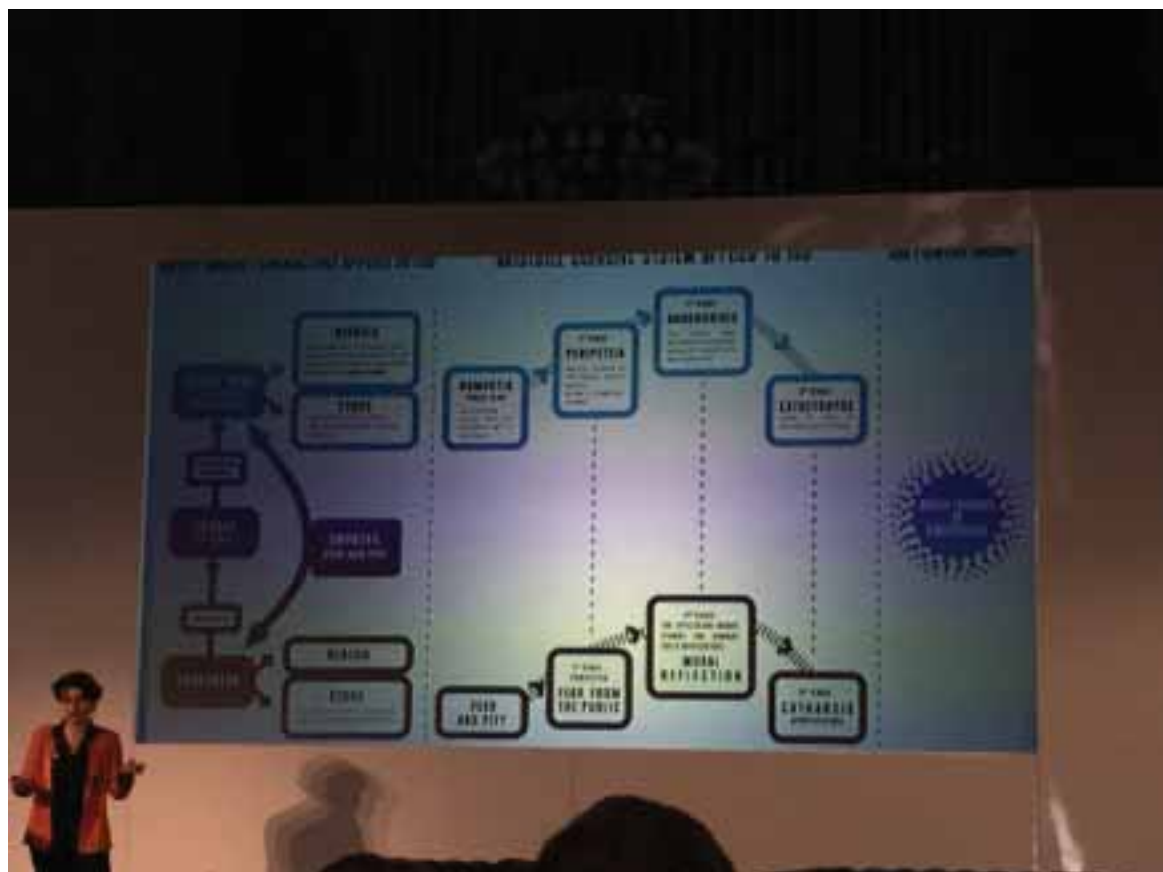
Some projects she showed: The Soyuz chair, super kamiokandé, super k sonic, boom and Micronations revolution. Also the International Space Orchestra with NASA and a new one, Texas Disaster City.

She also used the idea of "total bombardment" as a method of approach multiple projects and creation.

The most interesting was the use of Aristotle's drama approach. She said that for him, the State is a creative patron where Tragedy is unique.

So, the tragedy pattern of Aristotle can be used at different levels generating empathy through storytelling.



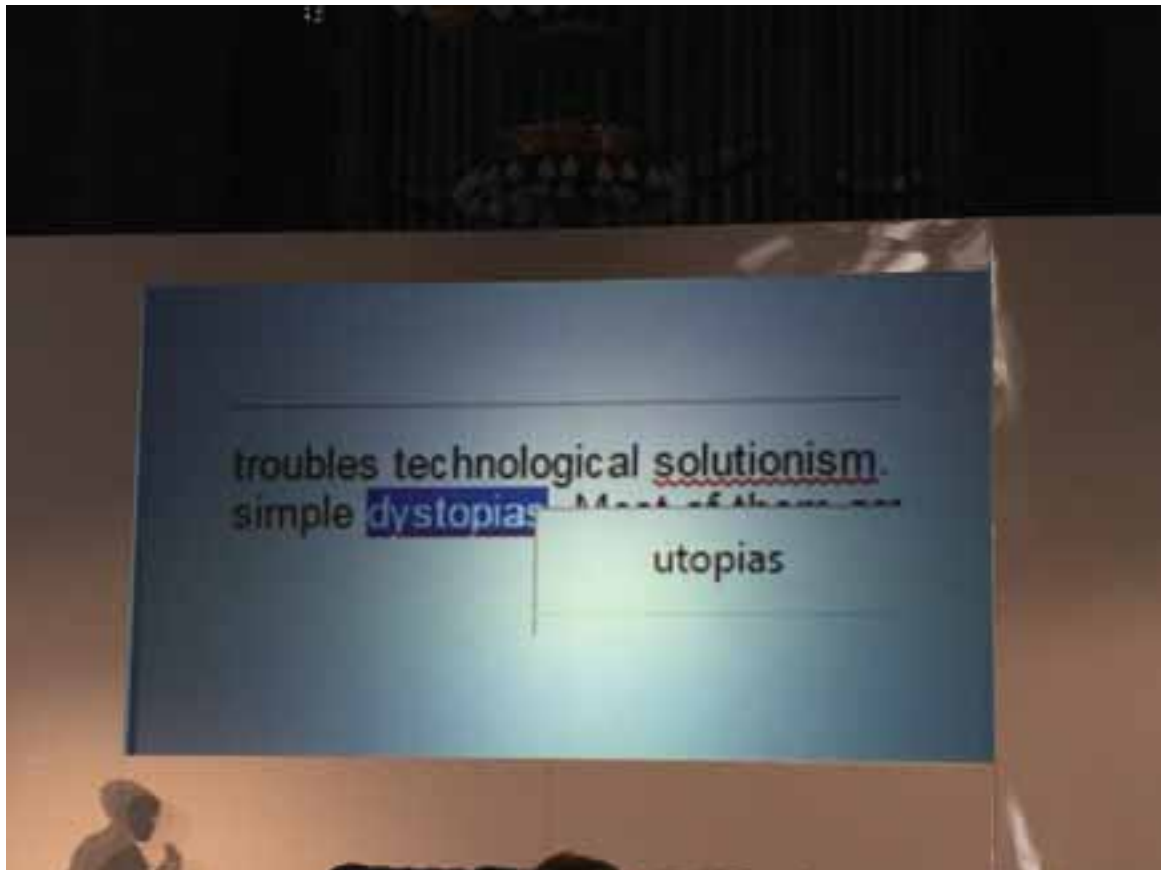


[@LydNicholas](#) talked about the capacity of Tools to recreate people as agents. Because tech modifies the knowledge of time. We are increasingly responsible for affecting our and other people's identities in the world. For example, we conceive the climate change as an end of the times replacing it from the medieval thinking of the last judgement.

"Self destruction" narrative of climate change misses the fact that the powerful (including us) aren't going to be the ones who drown.

So now we are in constant risk because society could fall because CC. And in a risk society, you are never well. You have to measure everything as a psychopath and assuming that you will ever be in risk.

One example is the [sesame credit on China](#), where your financial credit is not only measured by your actions (like Facebook or what you buy) but also what your relatives also do.



Also mentioned this honest quote from Zuckerberg, "we decided that this would be the social norms and so we went for it". As Facebook wants to be the normal.

She said that this generates a shadow of intelligence, just because intentions are not actions. And it can't be measured as it like.

[@tinysubversions](#) started making absurd bots (computer communicating with humans via mediums designed for human-to-human communication). Now he has a company called Feel Train to develop bots for others.

He said that we have to rethink what is the meaning of the terms Intelligent and Artificial. We have algorithms for centuries, so it's no new. And we have also corporations, that are also how society is programmed.

"We can choose to stop executing algorithms... We just don't" - @tinysubversions

He mentioned also de AlphaGo and the Recurrent Neural Networks (see post from [Karpathy](#)), and the reality that we don't know what an AI computers does in a 95%.

For that Reason he thinks that we should avoid to think of AI as friendly humans, but Aliens. We are unable to understand them and if we try to convince people that this tech is human, the shock is bigger. 'When I create my bots I don't put a human face on them. I make them as alien as possible.'

We should change AI as Alien/anthropogenic intelligence. designers need to prepare people for the alien nature of the interactive artefacts we're building.

Finally in the Q&A moment some discussion were held:

As AI become a Blackbox, we will need to learn how to work with them, in a collaborative way. Not just an instruction reader.

Adrian Mckenzie suggested recently that 'algorithm' is replacing 'discourse' as the master concept of post-structuralist though.

@LydNicholas: Twitter is a zoo for artificial intelligences. They get to roam freely and are fed followers to keep them sustained.

The difference between a human and an AI is responsibility, because AI can't be accountable and responsible for its actions and that is dangerous. Ultimately they're systems built with the politics of their creators.

Finally, they pointed out that we didn't have a good period of accountability in governments and corporations, so we are not starting from a good base where that are developing AI and nobody can control it.

The discussion about the term AI was controversial, because it is managed as a flat ontology.

[Related reading](#)

[Day 1 - earth](#)

This panel was less interesting.

[Carlo Buontempo](#) from MET office opened it with a mention to the project EUPORIAS. That was a platform to develop prototypes of climate impact prediction services (Project Ukko was feed from it also).

He said that from the age of Egypt period, the humanity always did the same. "Look backwards to move forward". So now prediction could be more advanced.

"Progress is measured by the speed at which we destroy the conditions that sustain life."
– George Monbiot #fut16

[@alicebell](#) showed an interesting project for raising money to schools that want to put solar panels in their roofs (Solar Schools). Talking about the welcome mundanity of solar panels. Owners no longer outliers and nerds.

[Kristy Lewis](#) talked about human damage in climate change.

Day 2 - life

This panel was mostly about synthetic life.

[@davidbenque](#)

Talked about how to design life. Mentioned "the mechanism of life" from Leduc. He showed some projects related to imagine the future of life: blueprints for the unknown , a series of reasonable intentions(Koby Barhard) and the new weathermen (benque)
He also mentioned the book from Waren Belasco "the future of food, meals to come"

Finally he mentioned the classification system for science news from Burnett (2014) as a way to share this new approaches of science to the general public but without confusing them.



[@abiaspen](#) was really interesting. She is working on the creation of synthetic food (future farm lab). She explained the process of generating meat for hamburgers but now she is chasing to create an entire piece of steak.

She argues that the next food revolution is cultivation, that will save animals for suffering, reduce the pollution coming from farming and could help to feed lots of people.

Some ideas from myself:

- *If human population growths and animal doesn't, seems very weird planet in the future.*
- *If we have robots, synth food and synth materials, in the future nothing will worth anything. Economy shock approaching.*
- *Agricultural revolution...cultivation sounds very Brave New World's Huxley to me*

Day 2 - community

This panel was a little messy bc they focused more on create fiction than get the community together. But was really interesting.

[Sarah Kember](#) started talking about "re stor(y)ing resources", about tech's "moral obligation to see the world as it is and not as we wish it to be"

She focused on the concept of glass as a storytelling. The Glass(from mirrors, to UI interfaces in glasses and Google Glass) as a narrative promises transparency which is a neoliberal value.

That idea of glass allows to relate time to an specific Society structure, Intelligence with the idea of succession, and life with sustainability. (All neoliberal values)

"We need to move beyond these dichotomies": Future/past, smart/dumb, transparent/opaque, sterile/sexist, word/world.

She talked about the "Cinderella stories of technology" as a metaphor.

Technology, at the end, will automate the speech. Loosing all sense of the made metaphor.

Science fiction is important not because it determines the future, but because it can undetermine it through critique. "Science fiction is being positioned as a blueprint for innovation."

There was a book mentioned that resulted me interesting: "maps of time" David Christian

[@madelineAshby](#) talked about science fiction prototyping as a method. Where we can play between the utopia and the dystopia.

In that regard. For some people the dystopia is real (surveillance, starving, stigmatization), but utopia is neither neutral as it supposed to be.

"Hope for hope sake is the enemy of the intelligence"

Drama is the right vs. right. But melodrama is the right vs. wrong, and where is dystopia plays. "Is better to have something to win than have something to loose"

So, pessimism in people was proved to help the cause/effect detection.

She explained the "trifactoral thinking" (three scenario planing) that helps the strategic planing.

And argued that "defensive pessimism" could help to find weak points while a optimistic scenario can help to give Hope to take action.
She also advised that hope and fear are very strong forces. As Utopias are not neutral, we have to think "optimistic for whom?"

Because negative change is always as possible as a positive change. Every change has collateral effects.

In Q&A was said that the middle way between the bad and the good is not the neutrality. Is the weird, messy, ambiguous.
For that so, the work between the Critical Thinking and the Creative Thinking is vital for take it to the practice.

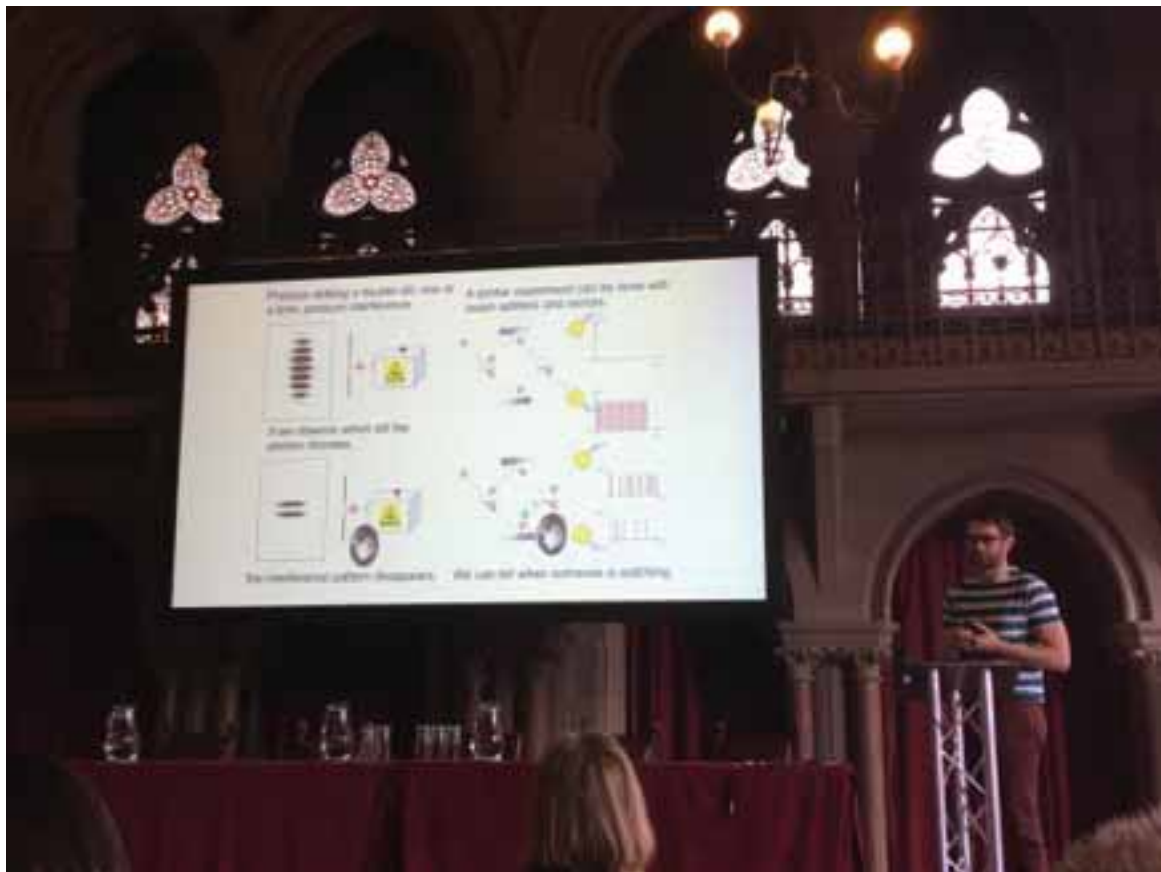
Day 2 - uncertainty

This side panel was one of the most interesting because its interdisciplinary participants and discussions around uncertainty.

[@benstill](#) talked about the uncertainty in science, that what is part of the daily work. He mentioned Heisenberg (1927) and the uncertainty of waves, where we can't know exactly when some events occur. Also in quantum physics and encryption is difficult to make an observation without intervention.

"Uncertainty is very important because we can't scape from it, it's part of nature"





[@izakaminska](#) talked about finance and society.

She explained that something to be predictable takes to anticipation that takes to order that takes to safety. But that restrict the free will.

Also automation goes by the hand of altruism where for the good of all sacrifice ourselves.

'Too much certainty creates a hostile environment for human beings. You get depression from regimentation.'

It is converted into a [Hive Mind](#) that operates in our perception.

[@angie_cass](#) showed the [unknownunknowns.co.uk](#) discourse from Ronald Rumsfeld.

She talked about the history of science and the difficulty to communicate those UU. She explained that in science in action, there is a private view where the UU are known and accepted, but the public view is the already-made science (such as history of science, and past visions of the future).

She mentioned the campaign [#overlyhonestmethods](#)

She showed an interesting graphic from Donald MacKenzie on how the uncertainty is managed by different actors in the scientific field. [Related reading](#)

And finally talked about what is expected for science. The retrospecting prospect vs. the prospecting retrospect.

She said that we have to get used to work with messiness in our everyday life.



EXPECTATIONS

Retrospecting Prospects:
"the recollection of past futures or how the future was once represented."

Prospecting Retrospects:
"how these prospects are deployed in the real-time now, to construct futures."

(Brown and Michael, 2000)

EXPECTATIONS

Processes:

- Repeating cycles
- Failed expectations
- Inaction
- Amnesia

Solutions?

- Explore the 'unknowns'
- Institutional memory
- Widen the evidence frame
- Open up: acknowledge mess!

Q&A panel was very extensive. One important things that where said is that historical science is not fact, so it's difficult to handle that knowledge when it is generalized and simplified without losing the uncertainty.

Also the management of risk and the entropy as an important value.

[Maíta Fernandez-Armesto](#) gave some examples how cities can share knowledge together of risk situation have been solved, not just for planing but to confront the uncertainty (regarding climate change and resilience).

'Mess isn't just there, it's always moving. Risk is the attempt to estimate the degree of the mess.' @ange_cass

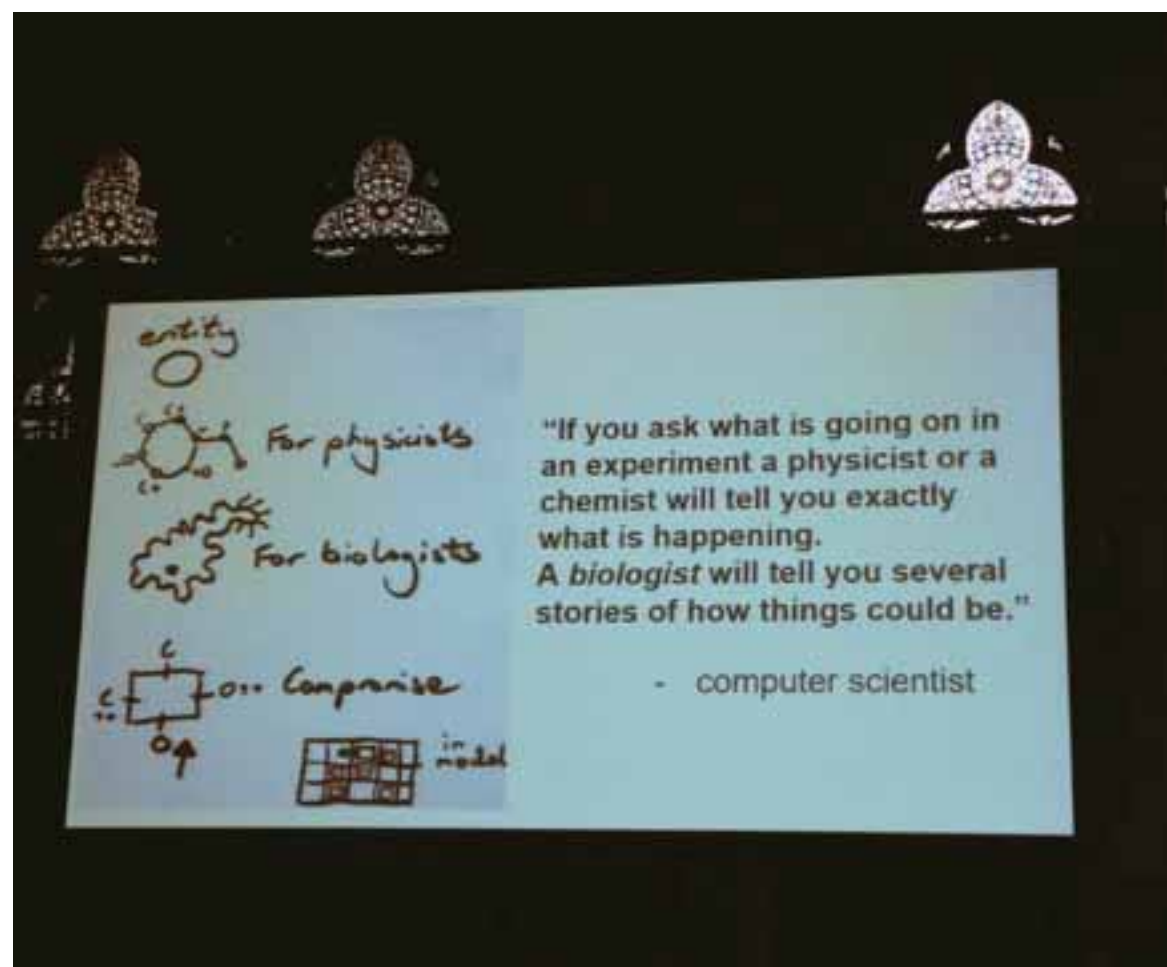
@izakaminska warns about blockchain bc it doesn't allow the uncertainty

Another important thing is to think about the assumptions that we have about the certainties and uncertainties.

Otherwise it would take us to an illusion of certainty.

That friction causes a paradoxical situation between the messages that we receive from institutions, government, capitalism, etc. and the uncertain reality.

How can we redesign the system that values uncertainty? How can we determine valuable truth? . Computer scientists dominate interdisciplinary research bc their output is easily measurable by university bureaucracy, said @lydnicholas



Closing

Lemn Sissay closed the event with a nice performance. He talked about child care in UK which was a nice discourse.

He said that it is always suggested that orphans, foster people and adopted will do wrong. So, the Power of suggestion is really strong.

He told us that in popular culture, child care is related with superheroes and fantastic stories (Harry Potter, Bruce Wayne, Clark Kent & Lisbeth Salander). But this vision is not the same on reality where prejudice is the normal.

This kids develop special social skills and empathy that allow them to save themselves. Sometimes, the hope for a family is stronger than the suggestion.

Some personal thoughts

During the conference, there were mentioned several concepts and ideas related to my research project.

AI and bots, also the work between fiction and reality of possible futures what gave me some idea of the actual work of artists, designers and scientists.

Also the approaches and perspectives on how to deal with the intersection of disciplines are in the center of the discussion, what is never easy.

How can experiment between empathy, bots and HCI ?

I now that they should be more alien than humans. But how can art and design can help to build that relation? How can build an storytelling in an continuous, fluent conversation ?

What kind of questions can the system do to promote imagination of new worlds ?

At least bots are a novelty, but the bots also can tell another story, always different. It's like an inception of virtual reality.

So, among the experiment, how is to live with robots? A world full of thinking machines that talk to us? What kind of entity and relation with people should they have?

So, if as was exposed, empathy is generated by the "life tragedy", is our life with bots possible to be designed ?

The first step in conversational bots, is not just to be functional to the daily life, but to promote the human/bot interaction and knowledge. Motivate it use, learn about the feelings that people have in their conversations, explain to people the nature of bots, tell them about the scientific knowledge and the possible future.

At the end, is about to embrace storytelling to teach people how to face this new world.

Regarding uncertainty, one possibility is to embrace it, and to develop tools that help people in those moments of uncertainty.

Knowledge database are one option, emergency systems, alternative communication platforms, could help to share and get people together to face the uncertainty.

As Alien intelligence, uncertainty have to be obvious and not be hidden. It has to be accepted as a reality.

2.14

UNL

Adeoluwa Akande (ESR02) attended Workshop "Linked Open Data for Beginners: Theory and Practice", Lisbon, Portugal



VOCÊ ESTÁ EM: [Página inicial](#) > [Notícias](#) • Workshop "Linked Open Data for Beginners: Theory and Practice"

Workshop "Linked Open Data for Beginners: Theory and Practice"

Realiza-se no dia 28 de setembro de 2017, entre as 10h e as 12h30m, no Auditório da Direção-Geral do Território, o Workshop "*Linked Open Data for Beginners: Theory and Practice*", organizado pela DGT no âmbito do projeto "**Cross-Nature**: Cross Harmonization & Exploitation of NATURE DataSets" (2016-EU-IA-0071) financiado pelo programa CONNECTING EUROPE FACILITY: CEF TELECOM.

O workshop "*Linked Open Data for Beginners: Theory and Practice*" será da responsabilidade da UC3M (Universidad Carlos III de Madrid), tendo como oradores Javier García Guzmán e Mat Montalvo Martínez.

Este workshop visa abranger conceitos básicos sobre *Linked Open Data*, recorrendo a exemplos para ilustrar as diferentes fases do processo, nomeadamente, *Data Identification*, *Data Modelling*, *RDFication* and *Publication*. O workshop inclui ainda uma apresentação sobre o projeto **Cross-Nature** a cargo do Grupo TRAGSA.

A participação neste evento é gratuita, mas a inscrição é obrigatória e limitada à lotação da sala. A inscrição deverá ser realizada até ao dia 25 de setembro através do [formulário](#).

Última atualização: quarta-feira, 20 de setembro de 2017

[Partilhar Informação](#) | [Voltar ao topo](#)

Sobre o portal

[Condições de utilização](#)
[Acessibilidade](#)
[Browsers de suporte](#)
[Mapa do Portal](#)
[Ficha técnica](#)

Informação útil

[Glossário](#)
[Legislação](#)
[Perguntas Frequentes](#)
[Links Úteis](#)



Escola Profissional de Ciências
Geográficas

Subscrições

[RSS](#)
 [LinkedIn](#)
 [Facebook](#)



Imagens ©2017, CNES / Airbus, DigitalGlobe, IGP/DGRF
Latitude 38.726186
Longitude -9.158281



AMBIENTE



Direção-Geral do Território
Rua Artilharia 1, 107 e 1099-052 Lisboa, Portugal
Telefone (+351) 21 381 96 00 | Fax (+351) 21 381 96 99 | www.dgterritorio.pt



© 2017 DGT - Todos os Direitos Reservados

2.15

UNL

Devanjan presented at Portugal Science and Technology Conference 2017, "GEO-C: Enabling Open Smart Cities through Geoinformatics" ePoster.



ENCONTRO COM A CIÊNCIA E TECNOLOGIA EM PORTUGAL

Centro de Congressos de Lisboa

3 a 5 Julho

#ciencia2017PT

O Evento

Ciência 2017 é mais uma edição do encontro anual dos investigadores portugueses.

Faz, respectivamente, 20 e 50 anos que a FCT e a JNICT foram criadas. Destina-se a promover o debate alargado dos principais temas e desafios da agenda científica, juntando investigadores, outros sectores e a actores da sociedade em geral.

O programa está estruturado em torno de 14 Agendas Temáticas estratégicas, da Iniciativa Nacional Competências Digitais 2030, temas complementares e outros programas estruturantes. Foi construído com base numa solicitação a todas as unidades de investigação e Laboratórios de Estado de propostas livres bottom-up que foram depois organizadas nas Agendas Temáticas e na Iniciativa referidas. Estão previstas sessões plenárias dedicadas a objectivos estratégicos, comunicações e debates em sessões paralelas, apresentação de posters de doutorandos e demonstrações.

Pela primeira vez há um País Convidado – a Índia (cartaz_ciencia_2017.pdf). É com certeza um incentivo a uma reforçada cooperação entre os nossos países que têm fortes laços históricos.

O Ciência 2017 tem o apoio do Ministério da Ciência, Tecnologia e Ensino Superior, e é organizado pela Fundação para a Ciência e Tecnologia em colaboração com a Ciência Viva – Agência Nacional para a Cultura Científica e Tecnológica e a Comissão Parlamentar de Educação e Ciência.

Luís Magalhães

Comissário do Ciência 2017

Programa Global

(SUJEITO A ALTERAÇÕES)

Programa Global

Programa DETALHADO

(SUJEITO A ALTERAÇÕES)

DIA 3 DIA 4 DIA 5

Registe-se aqui e tenha acesso a toda a
conferência. Entrada Livre

☐ É estudante de Doutoramento e pretende apresentar poster?

Registar

Login
(/login/)

Nota:

Poderá efectuar posteriormente alterações ao seu registo inicial entrando na área reservada com o login e password que recebeu por email.

2.16

UJI

Attendance at Agile 2016 (Fernando B. and Diego Pajarito)

Date: 14-17 June 2016

MISSION REPORT

Name:

Michael Gould, Francisco Ramos, Fernando Benitez, Diego Pajarito, Estefanía Aguilar

Institute/Unit:

GeoTec Research Group

Place & Organisation visited:

Helsinki university, Helsinki, Finland

Duration of the mission:

14-17 June 2016

Persons contacted:

- Danny Vandenbroucke & Glenn Vancauwenberghe – KU Leuven, Belgium
- Rob Lemmens – University of Twente, ITC, Netherlands
- Alexander Zipf, University of Heidelberg, Germany
- Livia Castro, University of São Paulo, Brasil
- G. Bordogna, CNR-IREA, Italy
- Thore Fechner, University Munster, Germany
- Grant McKenzie, University of Carolina, Santa Barbara, USA
- Henrikki Tenkanen, University of Helsinki, Finland
- Zena Wood and Mike Worboys, University of Greenwich, UK
- Tobia Lakes, Humboldt-Universität zu, Berlin, Germany

Objectives of the mission:

Participating and presenting at the 2016 AGILE conference

Main results of the mission:

- To contribute to workshops and with a poster.
- To have an overview of the last work developed by other GI experts and research groups

First day workshops (14 June)

During pre-conference workshops, we attended these:

- GI-N2K workshop & plugfest

Estefanía participated in this back-to-back workshop organised by GI-N2K project, in which UJI and AGILE are partners.

In the morning, GIN2K Project was introduced by Danny Vandenbroucke and related projects were also presented such as “Towards and ontology for the geospatial domain” (Rob Lemmens, University of Twente & ITC) in which Rob presented ontologies’ visualisations of the geospatial domain, and test done with the ITC-WIKI against GIS&T BoK. Libby Wenz (UCGIS) “Explained the experience and ongoing work for a BoK in US” and the problems are facing for an updated Us versión of the BoK (contributors’ acknowledgement and creation of derivative materials)

Then we moved into practical presentations. Imran Hossain presented the “curriculum tool” Developed for the new BoK, in which lots of GI curricula to copy, work on, compare and/or customise will be available (<http://137.193.149.13:8080/CurriculumTool> beta version).

During the afternoon a practical session was organised to test the GEOWIKI (<http://gin2k.bigknowledge.net/bokwiki/bokwiki.html>) and the Curricula tool (<http://137.193.149.13:8080/CurriculumTool>).

- 3rd AGILE workshop on geogames and geoplay

Michael, Francisco and Diego participated in this workshop presenting two geo-games ideas, the first called “Mag-ike” a brotherhood competition for stabilizing UJI’s magical energy using bikes, that will help on data collection from biking paths; the second called “CityBalls” related to a beetle war for cleaning cities of human trash that uses accelerometer sensors and GPS location to show landmarks and city related information while playing. Workshop web page <http://www.geogames-team.org/agile2016/>.



After presenting the ideas workshop participants discussed about them and provided interesting feedback that should be considered on future developments, the following table describes the most relevant outcomes from the workshop for each presentation.

Mag-ike	<p>Players should be classified according to their biking interests, then paths that they follow could be also classified (experimented bikers are more aggressive, while non-experimented looks for quiet and safe routes).</p> <p>It is better not allow players to choose the brotherhood, it should be assigned automatically, otherwise game balance is difficult to be ensured.</p> <p>GPS data will be a useful input to identify gaps and barriers, but for small spaces and highly detailed paths we will need to work with probabilistic models to identify those small differences.</p> <p>Analysis of GPS data itself could be a PhD thesis because of the complexity of identifying the path composition and their relationships with infrastructure elements</p>
---------	--

	<p>It could be important to differentiate participation of users of public bikes on the game, they could have an additional role and will ensure to get into selected places.</p> <p>There is some relationship between this project and the Mapillary initiative, then some interface elements could be considered.</p> <p>Data from biking infrastructure need to be qualified according to its quality and coverage, then the comparison with GPS collected data will be more accurate.</p> <p>The type of bike is also an important element to consider, not only public or private, but also the size and the purpose.</p> <p>This project and some other related could be part of a common repository for geo-games development.</p> <p>Some additional ideas that came after the workshop:</p> <ul style="list-style-type: none"> - Gems could have like 1-100 energy level that could increase or decrease according to the walking/biking time. - Then stations or places will not only consider the amount of gems but also the energy level that they have.
--	--

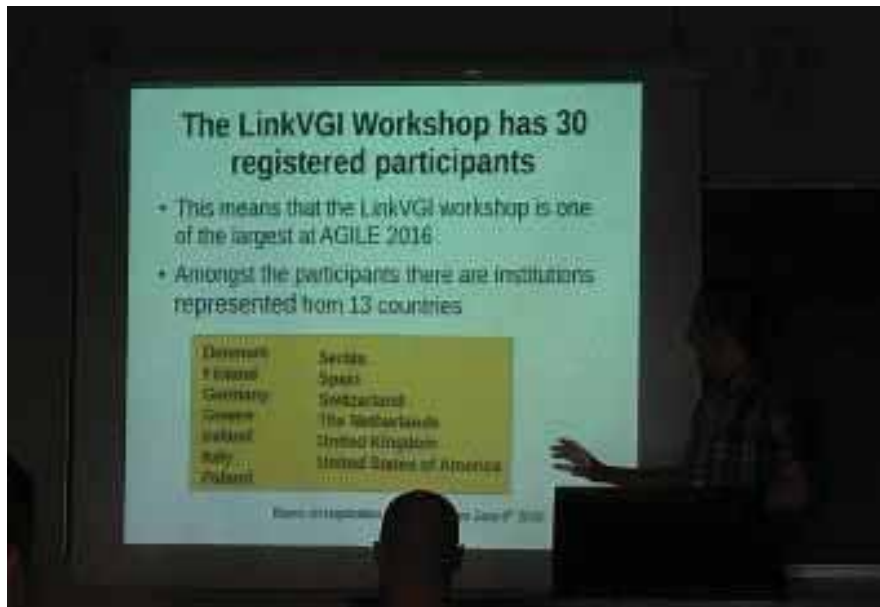
Finally a hands-on session was conducted by Thomas Heinz. There were two groups of participants playing against each other to conquer more pieces on the map (based on Voronoi Polygons), while they were collecting landmark pictures.



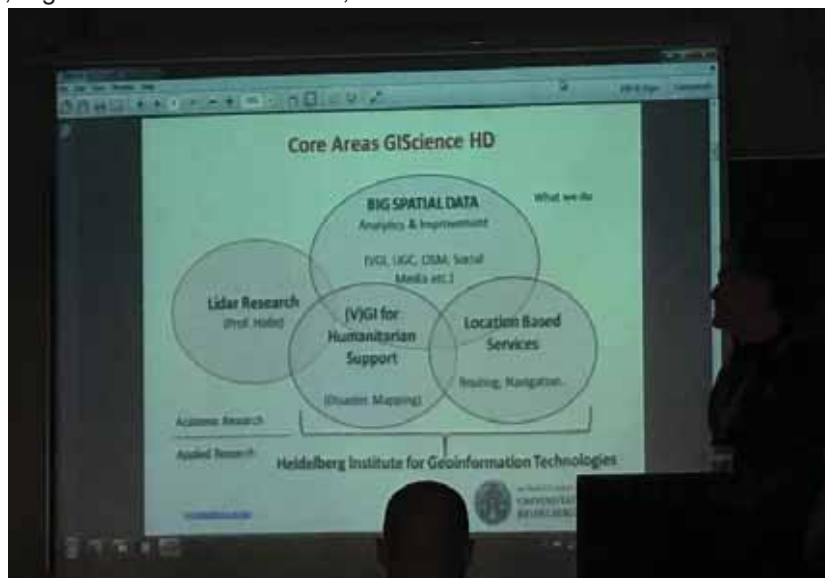
Participants commented on the advantages of using this approach on university students and GIS practices to motivate them with a competitive environment.

- Workshop about Link-VGI.

This workshop was one of the largest at Agile conference and also one of the most crowded with 30 Participants, with people from several countries such as, Germany, Denmark, Serbia, Spain, Italy, USA, Ireland and others.

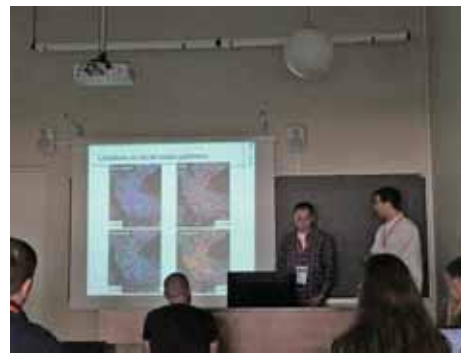


The workshop was introduced by the Heidelberg Institute for GeoInformation Technologies. The a general context and the core areas of this institute such as VGI for humanitarian support, location based service, Big Data and Lidar research, were introduced.

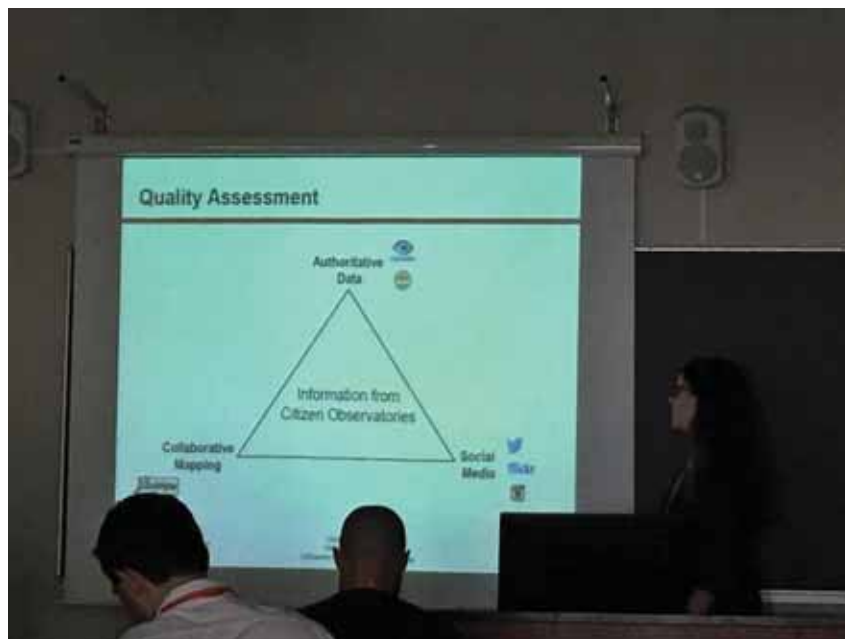


Afterwards, the workshop had a several related papers, here the most relevant ones.

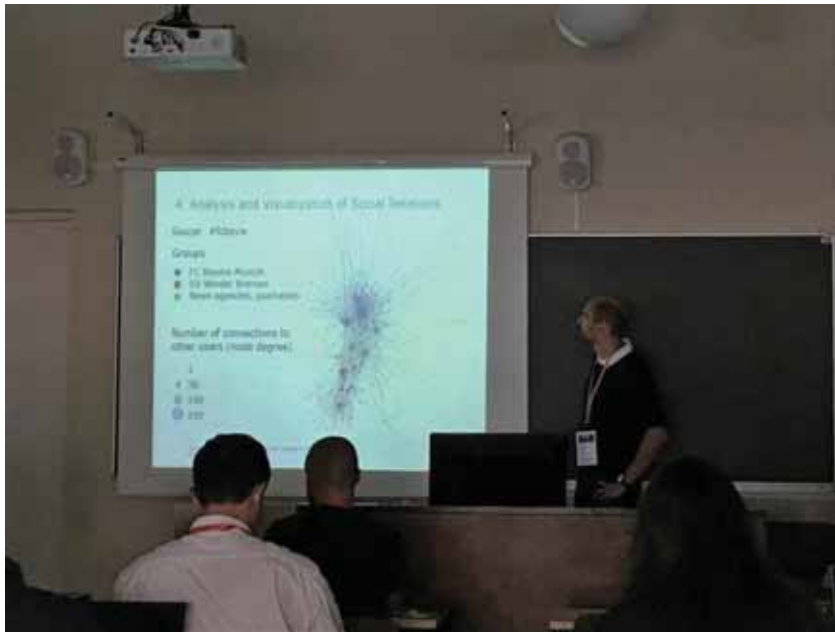
- Cross-Linking VGI with Social Media: Interesting paper and session related about how you can cross and link data of social media networks for VGI support., They mention social networks such as Foursquare, Yelp, Swarm, Facebook and Twitter and how used the APIs they can use this information for VGI Support.



- A paper presented a conceptual Model for Quality Assessments of VGI for the purpose of flood management.: Integrating Authoritative Data, social media, and Collaborative mapping. It used a qualitative method in combination of Cross-Linked VGI and Authoritative data.



- Visual Analysis of Thematic, Social and Geospatial patterns of Using a Social Network, the people create patterns with identifiable structures. Analysis and relationship social through Viz, the Microblogging often contain Geospatial information.



- 3D Georeferenced photos, Using Mapillary and PhotoSync, Transform Photos to VGI one of most interesting outcomes, they presented an interesting prototype where the final user can use they own photos for richer context in a 3D Environment.



In afternoon session the workshop had a really interesting technical session led by Heidelberg Institute for GeoInformation Technologies, where they present the basics of interacting with APIs and to extract summary statistics from the datasets acquired.

This technical session had three modules:

- Module 1: Interacting with APIs (Twitter, Instagram, Mapillary, Flickr, WeelMap).
- Module 2: Exporting data from APIs.
- Module 3: Extracting summary statistics from an R environment.

The workshop finished with a brainstorming and open discussion about future collaboration, VGI current status, and new challenges. Where hot topics were:

- VGI Data Quality
- Social Networks as a Data Source for VGI
- Official author's Vs VGI.
- Real needs for VGI.

In this website you can find all papers presented and the slides for each presentation made.

<http://www.cs.nuim.ie/~pmooney/LinkVGI2016/>

Second Day (15 June)

Keynote Session: Maps and sustainability, by Menno-Jan Kraak.

This year is Map Year according ICA

- A Maps is a visual representation of an environment.
- Maps can do:
 - o Maps tell stories
 - o Maps invite
 - o Maps show patterns
 - o Maps reveal relationships
 - o maps explain
 - o Maps provide overview Maps offer insight
- About cartography. The art, science, and technology of making and using maps.
- Changes: Yesterday and today about cartography, how ICA and How the finals users have been adapted to new data sources, and new ways to create maps.
- This interesting session was closed with this great and inspire sentence "Let's make the world a better place with maps."



Panel Discussion: Menno-Jan Kraak, Harvey Miller, Mike Gould, Paula Ahonen-Rainio.

This interesting panel was about the current role of maps, role of the academia and the industry in the map creation and use. Consumers real requirements were mentioned, and how academia is trying to create results useful for the users. Improvements need to be done, in order to connect the real need for the users and the research and products created.

Technology is a big part of the research area, as well as politicians' perspective. Maps adaptive or based on context, where the author include citizen Participation and Engagement



Parallel Sessions.

1. Presenting Citizen Engagement Opportunities Online: The relevancy of spatial visualization by Thore Fechner and Christian Kray:

This paper was about the relevancy of spatial visualization and interaction for presenting citizen engagement opportunities online, using a prototype gridded-mosaic view and Dialog Map.



2. Geo-Privacy beyond coordinates by Gran McKenzie: Interesting study that used tags and text inside the posts and tweets that you have posted in social networks to determine the probability to locate you.



3. Identification of disaster-affected areas using exploratory visual analysis of georeferenced tweets: application to a flooding episode by Valentina Cerutti. Another application of using data from twitter about flood event using several types of visualization and creating Voronni polygons.



4. Open data for accessibility and travel time analysis Helsinki region travel time and CO2 Matrix 2015, by Henrikki Tenkanen. Interesting use case in Helsinki, comparing multimodal and temporal accessibility measures, using open tools and open data, a use case really close to my approach for my GeoC Project.



5. Modeling Spatial Patterns of Outdoor Physical Activities (Rusne Sileryte, et al.), using www.endomondo.com social network combined with european open datasets to build walking networks and visualize the intensity of physical activity over them.
6. Open data for accessibility and travel time analysis (Henrikki Tenkanen, et al.), a model for urban trips and time estimation that includes CO2 emissions and door to door measurement. This model shows big differences on travel times after the opening of an additional rail road connection between International Airport and Helsinki downtown.
7. Conflict in Pedestrian Networks (Wang, Wood & Worboys). It models pedestrian networks for improving road networks with existing pedestrian connections defined by the possibility of walk from one place to the other. We contacted them for knowing about bike route tracking and they are interested in establishing communication since they are working on related activities.

Third Day (16 June)

Key Note, About CiberGIS, BigData. By Shaowen Wang of CyberGIS.org. This session was about Big Data and how it is useful for processing a huge quantity of data in effective way. Lots of tools were introduced, and different ways to understand and use this concept. Gaining fundamental understanding of scalable and sustainable geospatial software ecosystems. They have a CyberGIS Toolkit, GISolve, CyberGIS Gateway, CyberGIS Toolkit (GitHub) where the people around the world this trend.

CyberGIS

- DataDriven
- Interactive
- Scalable
- Integrated.



Parallel Sessions:

1. Conflict in Pedestrian Networks, by Jia Wang, Zena Wood and Mike Worboys. Interesting project about considering the pedestrian system as an undirected graph, and identifying crossing paths in order to identify the conflict and collectives. As a result the shortest path with collective motion and equal distribution was calculated.



2. Evaluation of the usability of spatial thinking components (concepts, representation tools, and reasoning tools) in educational scenarios by Alkyoni Baglatzi: the approach for this project is to use the spatial thinking and its usability, they presented a GEOTHNK Methodology as an educational platform that may be translated into different languages, contexts and subjects.



3. Developing a Study Aptitude Test for International Distance Education Students of Geoinformation Science and Earth Observation by Parya Pasha Zadeh. A methodology for understanding the real impact of distance education in GeoInformation science.



Fourth Day (17 June)

Keynote session: Global South in front of a huge geospatial development potential: opportunities for Higher Education Institutions (HEI) competence and expertise by Niina Käyhkö

One of most inspiring keynote sessions not only about GIS Education, its impact in the society, the new challenges, but also about the results and goals made possible thanks to GIS and Spatial education.

Geospatial education has made big steps ahead in developing countries over the last decade.



Best Long and short papers session.

Integration of OSM and Mapillary, Sounds and Maps, creating a prototype in QGIS where the final user can select a map zone and after the sound related to the context will start.



At the end in this last session was presented the next location for AGILE 2017 which will be in Wageningen – Netherlands next May 9 – 12.



Final Comments

2.17

UJI

Attendance at INSPIRE 2016 (Fernando B.)

Date: 26 - 30 September 2016

MISSION REPORT

Name:

German Mendoza, Sergi Trilles, Fernando Benítez

Institute/Unit:

GeoTec Research Group

Place & Organisation visited:

Barcelona, Spain

Duration of the mission:

26-30 Septiembre 2016

Persons contacted:

- Claudia Bergroth, GIS Expert (Trainee) at National Land Survey of Finland
- Patrick Hogan, World Wind Program Manager at NASA Ames Research Center
- Karel Charvat, Project manager at WirelessInfo
- María Arias de Reyna, GeoCat, GeoNetwork.
- Alvaro Anguix, General Manager of gvSIG Association.

Objectives of the mission:

Participating and presenting at the 2016 Inspire and JIDEE conferences.

Main results of the mission:

- To contribute to workshops and with a couple of talks in JIDEE conference.
- To have an overview of the last work and advance to Inspire community.
- To have an overview of the last work developed by other GI experts and research groups

Workshops (26 September)

During Inspire Conference workshops, we attended these:

1. The GeoSmartCity Hub: a data platform for supporting the operativeness of Smart Cities

Open geo-data for innovative services and user apps towards smart cities. Platform to share and public geo open data coming from different sources such as Public administrations Multi-utilities companies, and crowdsourcing.

Geo Smart City Hub was the most interesting project presented. In this HUB they combine resources such as Data Catalog, API, Data portal, Training framework, Validation services, and much more tools. Green Energy and Underground were two scenarios in different cities that they used in implementation project phase.

<http://hub.geosmartcity.eu/>

Is quite related to GeoC Project and OCT.

2. VGI and Citizen Observatories INSPIRE Hack

This workshop was the opportunity to use several ideas and projects in order to follow three challenges. Initially, were presented some projects such as:

- Scent, project to use VGI sources as Flickr or panoramio,
- Ground truth 2.0, from data collected by citizen until knowledge creation.
- LandSense, Citizen observatory and innovation marketplace for land use.
- SDI4Apps, interesting project to combine different data sources and make available for apps, using Open Data and Inspire Services.
- Open Transport Net, great Hub to different data sources. OTN Hub.

Then we moved into group discussion about a Toolkit to create map compositions with functionalities such as edition, graphs and charts in order to have different way to create web maps.

Thematic Plenary sessions and some talks attended.

1. Closing the implementation gap:

This plenary was focus on the effectiveness of the implementation of the INSPIRE and satisfying level of the member states, the needs of its customer segments.

During the plenary we had the presentation of The Iberian peninsula INSPIRE implementation outlook, with the implementation level of Spain and Portugal and their concerns. Then, with great and funny presentation, The Nordic INSPIRE implementation outlook and finally INSPIRE Implementation outlook across France & Germany.

2. INSPIRE for the Digital Economy

Second plenary was of INSPIRE economy implementations outlooks and their consequences in many EU projects., With not doubt, talk led by Sergio Anguita of Head of Geotechnologies, Institut Cartogràfic i Geologic de Catalunya. related powering eGovernment services through INSPIRE, keep simple, make fast your first prototype and build community were the relevant topics of his presentation.

3. INSPIRE by thematic networks

The last plenary session was addressed to explain the current business models of a lot of thematics networks with INSPIRE Initiative and challenges and achievements were presented.

Parallel sessions:

There were a lot of projects and topics presented among the JIIDE and Inspire Conferences, as following.

Sergi Trilles and German Mendoza led the talks in JIIDE conference, Open City Toolkit: hacia ciudades más abiertas y participativas and Soluciones para campañas mapeado de redes wifi.

In the first conference we had the opportunity to collect a email for attendees in order to sent the survey created by research topic Esr11.

GeoNetwork, a Open Source project where is possible to create a catalog to manage spatially referenced resources., the main contributor of this project is GeoCat which presented a talk related to advantages and some challenges to implement this project.

Open transport net, other interesting project in development phase to putting together the transportation services, in severals cities around Europe.

CITI - SENSE Citizen Observatory for Air Quality.

Web Tools and Projects learned

- EUROPEAN FORUM FOR GEOGRAPHY AND STATISTICS, <http://www.efgs.info/>
- GeoNetwork, <http://geonetwork-opensource.org/>
- Swagger is a simple yet powerful representation of your RESTful API, <http://swagger.io/>
- GeoSmartCity Hub, <http://hub.geosmartcity.eu/index.htm>
- OpenTransportNet, <http://project.opentransportnet.eu/otn/>

If you want check some tweets related to Inspire conference, check the storify

<https://storify.com/mfbenitez/inspire-conference-highlights>

2.18

UJI

Attendance at IODC 2016 workshop (Fernando B.)

Date: 5 - 7 Octubre 2016

MISSION REPORT

Name:

Fernando Benítez

Institute/Unit:

GeoTec Research Group

Place & Organisation visited:

Madrid, Spain

Duration of the mission:

5- 7 Octubre 2016

Persons contacted:

- Sonia Castro Garcia, Manager, red.es
- Alina Radachynskaya, Flying University
- Arlett Stojanovic, GIZ Good Governance and Human Rights
- Maria Bodino, Software Engineer
- Stephane Contre Chief analytics officer, City of Edmonton
- Matti Saastamoinen, Chief Operating officer, Trede
- Margarida Campolargo, Smart Cities head of unit.
- Alberto Garcia, Deside Datum.
- Felipe Gonzalez, PhD in Development Informatics, U. of Manchester.
- Hiroichi Ka

Objectives of the mission:

Participating and presenting at the 2016 Inspire and JIDEE conferences.

Main results of the mission:

- To contribute to workshops and with a couple of talks in JIDEE conference.
- To have an overview of the last work and advance to Inspire community.
- To have an overview of the last work developed by other GI experts and research groups

Workshops (26 September)

During Inspire Conference workshops, we attended these:

1. The GeoSmartCity Hub: a data platform for supporting the operativeness of Smart Cities

Open geo-data for innovative services and user apps towards smart cities. Platform to share and public geo open data coming from different sources such as Public administrations Multi-utilities companies, and crowdsourcing.

Geo Smart City Hub was the most interesting project presented. In this HUB they combine resources such as Data Catalog, API, Data portal, Training framework, Validation services, and much more tools. Green Energy and Underground were two scenarios in different cities that they used in implementation project phase.

<http://hub.geosmartcity.eu/>

Is quite related to GeoC Project and OCT.

2. VGI and Citizen Observatories INSPIRE Hack

This workshop was the opportunity to use several ideas and projects in order to follow three challenges. Initially, were presented some projects such as:

- Scent, project to use VGI sources as Flickr or panoramio,
- Ground truth 2.0, from data collected by citizen until knowledge creation.
- LandSense, Citizen observatory and innovation marketplace for land use.
- SDI4Apps, interesting project to combine different data sources and make available for apps, using Open Data and Inspire Services.
- Open Transport Net, great Hub to different data sources. OTN Hub.

Then we moved into group discussion about a Toolkit to create map compositions with functionalities such as edition, graphs and charts in order to have different way to create web maps.

Thematic Plenary sessions and some talks attended.

1. Closing the implementation gap:

This plenary was focus on the effectiveness of the implementation of the INSPIRE and satisfying level of the member states, the needs of its customer segments.

During the plenary we had the presentation of The Iberian peninsula INSPIRE implementation outlook, with the implementation level of Spain and Portugal and their concerns. Then, with great and funny presentacion, The Nordic INSPIRE implementation outlook and finally INSPIRE Implementation outlook across France & Germany.

2. INSPIRE for the Digital Economy

Second plenary was of INSPIRE economy implementations outlooks and their consequences in many EU projects., With not doubt, talk led by Sergio Anguita of Head of Geotechnologies, Institut Cartogràfic i Geologic de Catalunya. related powering eGovernment services through INSPIRE, keep simple, make fast your first prototype and build community were the relevant topics of his presentation.

3. INSPIRE by thematic networks

The last plenary session was addressed to explain the current business models of a lot of thematics networks with INSPIRE Initiative and challenges and achievements were presented.

Parallel sessions:

There were a lot of projects and topics presented among the JIIDE and Inspire Conferences, as following.

Sergi Trilles and German Mendoza led the talks in JIIDE conference, Open City Toolkit: hacia ciudades más abiertas y participativas and Soluciones para campañas mapeado de redes wifi.

In the first conference we had the opportunity to collect a email for attendees in order to sent the survey created by research topic Esr11.

GeoNetwork, a Open Source project where is possible to create a catalog to manage spatially referenced resources., the main contributor of this project is GeoCat which presented a talk related to advantages and some challenges to implement this project.

Open transport net, other interesting project in development phase to putting together the transportation services, in severals cities around Europe.

CITI - SENSE Citizen Observatory for Air Quality.

Web Tools and Projects learned

- EUROPEAN FORUM FOR GEOGRAPHY AND STATISTICS, <http://www.efgs.info/>
- GeoNetwork, <http://geonetwork-opensource.org/>
- Swagger is a simple yet powerful representation of your RESTful API, <http://swagger.io/>
- GeoSmartCity Hub, <http://hub.geosmartcity.eu/index.htm>
- OpenTransportNet, <http://project.opentransportnet.eu/otn/>

If you want check some tweets related to Inspire conference, check the storify

<https://storify.com/mfbenitez/inspire-conference-highlights>

2.19

UJI

Attendance at SCEWC 2016 (Fernando B., Khoi N., Diego P., Manuel P. and Sergi T.)

Date: 15-17 Nov 2016

MISSION REPORT

Name:

Fernando Benitez, David Frias, Khoi Ngo, Diego Pajarito, Manuel Portela, Luis Rodriguez, Sergi Trilles

Institute/Unit:

GeoTec Research Group

Place & Organisation visited:

Europa Fira, Barcelona, Spain

Duration of the mission:

15-17 November 2016

Persons contacted:

- Fernando Ávila, Country, Kappo cycling app, Spain
-
- Name Last Name – Company, Departament, NetheCountry
-

Objectives of the mission:

Participating and presenting at the 2016 AGILE conference

Main results of the mission:

- To contribute to workshops and with a poster.
- To have an overview of the last work developed by other GI experts and research groups

FIRST DAY (November 15)

Plenary: Improving Governance Models for Steering Urban Development

Kok Yam Tam: Each agency want to be good at their field, planners need to go further this individual interests

Wu Dongsheng: Research institutes are in charge of design new technology, then companies and governments are in charge of implementing it.

Walkable and Cyclable distances

Robert Cervero: Expresses the relationship between foursquare venues and the amount of people that crosses by, it can be considered as a proxy for counting pedestrians. The concept is called "Street Pass". When cities want to catalyze cycling and walking they need to invest in hardware and Software usually starts with policy.

Salvador Rueda: Explained the Barcelona concept of “Superblock”, some interesting data about the city: 85% of public space is related to mobility and transport, they want to increase interaction and shopping activities at the public space calling it “exchange democracy”. Priya Prakash: showed a framework for enabling urban changes from crowdsourced information: flow starts with aggregating data from multiple sources, then prioritizing. The platform is called “Changify” , they also offer a web API for accessing the being used

Erion Albania Tirania

Walking is the natural state of human beings

What a city want for the future, Every poor person get a car, ride a bus or walk cycle?

They work with Tmobile,

Full access to street cameras and decide based on the current state of traffic

SECOND DAY (November 16)

Plenary: Improving Governance Models for Steering Urban Development

Session

THIRD DAY (November 17)

Plenary: Improving Governance Models for Steering Urban Development


Session

2.20

UJI

Attendance at Agile 2017 (Fernando B., Diego Pajarito and
Khoi Ngo)

GEO-C student wins best poster award in AGILE 2017 #agilewag2017

19th May 2017 (http://geo-c.uji.es/blog/2017/05/19/)  esr (http://geo-c.uji.es/blog/author/esr/)

From May 9 to May 12, 2017, in Wageningen, The Netherlands, the 20th AGILE conference took place. This year's team: societal geo-innovation.

AGILE 2017 (https://agile-online.org/) is the annual international conference on Geographic information science of association of geographic information laboratories in Europe. This event, organized by Wageningen University and the remarkable local committee, was an excellent opportunity to discuss the social impact of geo innovation over the past 20 years, and the most exciting and challenging topics for the next 20 years in GIScience.



(http://geo-c.uji.es/blog/wp-content/uploads/2017/05/IMG_0908.jpg) With more than 200 participants AGILE 2017 had pre-conferences workshops, parallel sessions, keynote sessions, and posters session, about the most significance GIScience topics such as VIG, Data Quality, Spatial analysis, Open Data, GeoGames, smart cities and others.


The poster session had more than 30 posters related to different topics. GeoC UJI was part of this event with two posters. Citizense – A generic user-oriented participatory sensing framework (http://www.citizense.uji.es/) by Manh Khoi Ngo, Luis Rodríguez and Sven Casteleyn and City Data 3.0 – A generic initiative to promote and assess the reuse of geographic information in cities – Early steps (https://www.slideshare.net/FernandoBenitez20/city-data-30-early-steps-best-poster-agile-2017) by Fernando Benitez and Joaquin Huerta. We are proud to say that the latter won the best poster award at Agile 2017!



City Data 3.0 poster presented the preliminary results of research related to the reuse and discoverability of available open data in cities. This poster shows the barriers identified in four selected cities, main data quality criteria considered by data consumers and the most valuable services and formats used for developers and analysts in Bogota, Cali, Medellin, and Valencia.

More GEO-C contributions in AGILE 2017:

- Short Paper presentation: One tool to spatialize all – sense of place, social capital and civic engagement by Albert Acedo, Germán Martín Mendoza Silva, Marco Painho and Sven Casteleyn
- Organization of 5th Open Data for Open Cities participatory workshop (http://opendata4opencities.uji.es/), Joaquin Huerta, Fernando Benitez, Mohammad Mehdi Moradi, Pau Aragó Galindo
- Organization of Agile Workshop on Geogames and Geoplay (http://www.geogames-team.org/agile2017/), Christoph Schlieder, Miek Gould, Diego Pajarito, Ola Ahlqvist, Thomas Heinz, Peter Kiefer, Vyrion Antoniou

 Events (http://geo-c.uji.es/blog/category/events/), Students (http://geo-c.uji.es/blog/category/students/), General (http://geo-c.uji.es/blog/category/general/)

 European Data Portal (http://geo-c.uji.es/blog/tag/european-data-portal/), Esr11 (http://geo-c.uji.es/blog/tag/esr11/), GeoC Project (http://geo-c.uji.es/blog/tag/geoc-project/), Open Data (http://geo-c.uji.es/blog/tag/open-data/), UJI (http://geo-c.uji.es/blog/tag/uji/)

 permalink (http://geo-c.uji.es/blog/2017/05/19/geo-c-student-wins-best-poster-award-in-agile-2017-agilewag2017/)  Edit (http://geo-c.uji.es/blog/wp-admin/post.php?post=434&action=edit)

← GEO-C students organised 5th Open Data for Open Cities participatory workshop at Agile 2017 #agilewag2017 (http://geo-c.uji.es/blog/2017/05/19/geo-c-students-organised-5th-open-data-for-open-cities-participatory-workshop-at-agile-2017-agilewag2017/)

GEOC @ GEOTAG 2017 → (http://geo-c.uji.es/blog/2017/05/24/geoc-geotag-2017/)



Recent Posts

- Feature-centric algorithms for georeferenced video search (http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/)
- GEO-C appears in a UJI magazine "La Corriola" (http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/)
- Publication accepted for SEMANTICS 2017! (http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/)
- GEO-C at Portugal Science and Technology Fair 2017 (http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/)
- PHD MASTER CLASS GEO-C (http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/)

Recent Comments

Categories

- Events (http://geo-c.uji.es/blog/category/events/)
- Scientific Publications (http://geo-c.uji.es/blog/category/papers/)
- Resources (http://geo-c.uji.es/blog/category/resources/)
- Students (http://geo-c.uji.es/blog/category/students/)
- General (http://geo-c.uji.es/blog/category/general/)

© 2015 Geo-C Blog

Proudly powered by WordPress (http://wordpress.org/). Theme B3 by Andrey K (http://andrey.ws/).

2.21

WWU

Attendance at the TIES GASPA conference Conference
(Shivam Gupta)

TIES-GRASPA 2017

[HOME](#) [ABOUT](#) [LOG IN](#) [ACCOUNT](#) [SEARCH](#) [CURRENT](#)
[CONFERENCES](#) [ANNOUNCEMENTS](#) [TIES GRASPA 2017](#)
[COMMITTEES](#) [VENUE](#) [HOW TO ARRIVE](#) [ACCOMMODATION](#)
[IMPORTANT DATES](#) [FEES](#) [REGISTRATION](#) [SUBMISSION](#)
[PROGRAM](#) [SOCIAL](#) [SPONSORS](#) [*SPECIAL ISSUE*](#) [BOOK OF](#)
[ABSTRACTS](#)

Home > **TIES-GRASPA 2017**

TIES-GRASPA 2017

Current Conferences

TIES-GRASPA 2017

University of Bergamo
Bergamo, IT

July 24, 2017 – July 26, 2017

The joint **TIES-GRASPA 2017** Conference on **Climate and Environment** will be held at the **University of Bergamo, Italy** from Monday **24th July** to Wednesday **26th July** and it will be a satellite meeting of the 61st World Statistics Congress – [ISI2017 in Marrakesh](#).

CONFERENCE PROGRAM AVAILABLE

The conference is intended to be a bridge for a future TIES conference system in odd years after ISI incorporation. On the one side, it renews a fruitful tradition of joint conferences with other scientific societies and associations. On the other side, it explores new ways to collaborate with ISI. From the scientific point of view **TIES-GRASPA** meeting on Climate and Environment is focused on a hot topic and has the potential to attract new statisticians and other scientists.

[OPEN CONFERENCE SYSTEMS](#)

[Conference Help](#)

USER

Username
 Password
☐ Remember me

NOTIFICATIONS

- [View](#)
- [Subscribe / Unsubscribe](#)

CONFERENCE CONTENT

Search
 ▼

Browse

- [By Conference](#)
- [By Author](#)
- [By Title](#)

FONT SIZE

INFORMATION

- [For Readers](#)
- [For Authors](#)

Keynote speakers and panelists

- [Sudipto Banerjee](#), University of California, USA
- [Claudia Tebaldi](#), National Center for Atmospheric Research, USA
- [Emilio Porcu](#), Newcastle University
- [Brunero Liseo](#), University of Rome, Italy
- [Jochem Marotzke](#), Max-Planck-Institut für Meteorologie, Germany
- [Peter Thorne](#), Maynooth University, Ireland
- [Richard Smith](#), University of North Carolina, USA

Invited sessions

A preliminary list of invited sessions is available [here](#). If you are a session organizer, please check your session and send an e-mail to tiesgraspa2017@environmetrics.org for any missing details.

Conference topics

Statistical methods and applications for:

- Climate change assessment and monitoring
- Climate change monitoring of/impact on
- Environment
- Ecological systems
- Atmospheric variables
- Meteorology
- Water bodies
- Desertification
- Food sustainability, availability and security
- Human health
- Population and migration
- Economics and Finance
- Atmospheric measurements, including in-situ and satellite based
- Statistics and remote sensing
- Spatial and spatio-temporal modelling
- Functional, directional and complex data
- Official statistics for Climate change

Facebook page

Follow the last news about the conference from the **Facebook page**.

If you have questions about the conference please send an e-mail to **tiesgraspa2017@environmetrics.org**

[VIEW CONFERENCE DETAILS](#)

2.22

WWU

Stand at the GEOTAG Event (Auriol Degbelo, ESR07,
ESR08, ESR13)

GEOC @ GEOTAG 2017

📅 24th May 2017 (<http://geo-c.uji.es/blog/2017/05/24/>) 👤 geoc (<http://geo-c.uji.es/blog/author/geoc/>)

Five researchers of the GEO-C (<http://www.geo-c.eu/>) team and one from the SenseBox (<https://sensebox.de/>) team attended GEOTAG 2017 (<http://www.geonetzwerk-muensterland.de/>) which took place in Münster on May 17, 2017. GEOTAG was visited by around 300 participants and gathered various institutions (companies, city council, university) from Münsterland. The theme of the day was "Digital Society – Digital Transformation" ("Digitale Gesellschaft – Digitaler Wandel"). GEO-C presented the Open City Toolkit (<http://geo-c.eu/results#oct>) and set up a stand where participants gave feedback about the use of open data for private companies and products that open smart cities could find interesting. Some pictures from the day:

Auriol Degbello's presentation on the Open City Toolkit



(http://geo-c.uji.es/blog/wp-content/uploads/2017/05/DSC_0192.jpg)

Group picture with posters from Diego Pajarito (ESR07), Shivam Gupta (ESR08), Mehrnaz Ataei (ESR13) and the SenseBox roll up



(http://geo-c.uji.es/blog/wp-content/uploads/2017/05/Pasted-image-at-2017_05_24-02_47-PM.png)

We thank the visitors of our stand for their feedback!

📁 General (<http://geo-c.uji.es/blog/category/general/>) 🔗 permalink (<http://geo-c.uji.es/blog/2017/05/24/geoc-geotag-2017/>) ✎ Edit (<http://geo-c.uji.es/blog/wp-admin/post.php?post=492&action=edit>)

← GEO-C student wins best poster award in AGILE 2017 #agilewag2017 (<http://geo-c.uji.es/blog/2017/05/19/geo-c-student-wins-best-poster-award-in-agile-2017-agilewag2017/>)

Research colloquia: "Running a virtual, cloud-based company for sensor-based air and water monitoring" → (<http://geo-c.uji.es/blog/2017/05/25/research-colloquia-running-a-virtual-cloud-based-company-for-sensor-based-air-and-water-monitoring/>)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (<http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/>)
- GEO-C appears in a UJI magazine "La Corriola" (<http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/>)
- Publication accepted for SEMANTICS 2017! (<http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/>)
- GEO-C at Portugal Science and Technology Fair 2017 (<http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/>)
- PHD MASTER CLASS GEO-C (<http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/>)

Recent Comments

Categories

- Events (<http://geo-c.uji.es/blog/category/events/>)
- Scientific Publications (<http://geo-c.uji.es/blog/category/papers/>)
- Resources (<http://geo-c.uji.es/blog/category/resources/>)
- Students (<http://geo-c.uji.es/blog/category/students/>)
- General (<http://geo-c.uji.es/blog/category/general/>)

© 2015 Geo-C Blog

Proudly powered by WordPress (<http://wordpress.org/>). Theme B3 by Andrey K (<http://andrey.ws/>).

2.23

WWU

Participatory workshop activities with the students from
the Hans-Böckler-Berufskolleg

GEO-C and Participation: Workshops with young refugees at HBBK

19th October 2016 (http://geo-c.uji.es/blog/2016/10/19/)  esr (http://geo-c.uji.es/blog/author/esr/)



(http://geo-c.uji.es/blog/wp-content/uploads/2016/10/P1020817-e1476892590621.jpg) From September 13 to October 7, 2016, the Geo-C team at WWU in Münster, Germany conducted several participatory workshops and activities with over 50 students from the International (i.e. over 25 students) and IT classes* (24 students) at the Hans-Böckler-Berufskolleg (HBBK). The overall goal of these activities was to generate participatory spaces in which it was possible to identify the challenges and needs of the group of young refugees and asylum seekers, as well as a potential ICT mobile tool to aid them while using open geospatial data during their initial stages of their resettlement in Münster. In total, we held five workshops, one field work, and one class session at the HBBK. All of these activities were done with the collaboration of the HBBK staff, particularly from Antje Semmelmann (school administration), Ralf Börger (IT teacher) and Gunter Hake (coordinator of the IT department).

Some of the preliminary results were:

1. Initially identified needs of the young refugees: 1) learning the local language as soon as they arrived; 2) the urge for establishing contact with local people not just for help but networking and communication, and 3) the importance of ICT apps that are "easy to use."
2. A set of several essential origin points and destinations were collected, and each of the groups established the information related to it (panoramic pictures, decision and confirmation points and referenced objects).
3. More than 13 initial design drafts done by the young refugees which were related to the type of content and "visualization" of information on the ICT open tool to support their initial resettlement stages in Münster.

An overview of the collected field data can be found here: <http://giv-oct.uni-muenster.de:8083/>


*This class classification is the official designation at the HBBK. The international class consists mainly of students who have been formally recognized as refugees.





(http://geo-c.uji.es/blog/wp-content/uploads/2016/10/P1020769.jpg)

Workshop No.3 – Joint Workshop
(International and IT classes)

 Students (http://geo-c.uji.es/blog/category/students/)

 Participatory Design (http://geo-c.uji.es/blog/tag/participatory-design/), ESR 03 (http://geo-c.uji.es/blog/tag/esr-03/), #Workshops (http://geo-c.uji.es/blog/tag/workshops/), #Refugees (http://geo-c.uji.es/blog/tag/refugees/), ifgi (http://geo-c.uji.es/blog/tag/ifgi/)

 permalink (http://geo-c.uji.es/blog/2016/10/19/geo-c-and-participation-workshops-with-young-refugees-at-hbbk/)  Edit (http://geo-c.uji.es/blog/wp-admin/post.php?post=195&action=edit)

← GEO-C in Oxford Barracks Project (http://geo-c.uji.es/blog/2016/09/14/geo-c-in-oxford-barracks-project/)

GeoC – Spain, present in Vespucci Initiative 2016. Sensors, Smart Cities, Open Data and Mobility. → (http://geo-c.uji.es/blog/2016/10/20/geoc-spain-present-in-vespucci-initiative-2016-sensors-smart-cities-open-data-and-mobility/)

Search ...



Recent Posts

- Feature-centric algorithms for georeferenced video search (http://geo-c.uji.es/blog/2017/09/27/feature-centric-algorithms-for-georeferenced-video-search/)
- GEO-C appears in a UJI magazine "La Corriola" (http://geo-c.uji.es/blog/2017/09/11/geo-c-appears-in-a-uji-magazine-la-corriola/)
- Publication accepted for SEMANTICS 2017! (http://geo-c.uji.es/blog/2017/08/09/publication-accepted-for-semantics-2017/)
- GEO-C at Portugal Science and Technology Fair 2017 (http://geo-c.uji.es/blog/2017/07/10/geo-c-at-portugal-science-and-technology-fair-2017/)
- PHD MASTER CLASS GEO-C (http://geo-c.uji.es/blog/2017/07/10/phd-master-class-geo-c/)

Recent Comments

Categories

- Events (http://geo-c.uji.es/blog/category/events/)
- Scientific Publications (http://geo-c.uji.es/blog/category/papers/)
- Resources (http://geo-c.uji.es/blog/category/resources/)
- Students (http://geo-c.uji.es/blog/category/students/)
- General (http://geo-c.uji.es/blog/category/general/)

© 2015 Geo-C Blog

Proudly powered by WordPress (http://wordpress.org/). Theme B3 by Andrey K (http://andrey.ws/).