

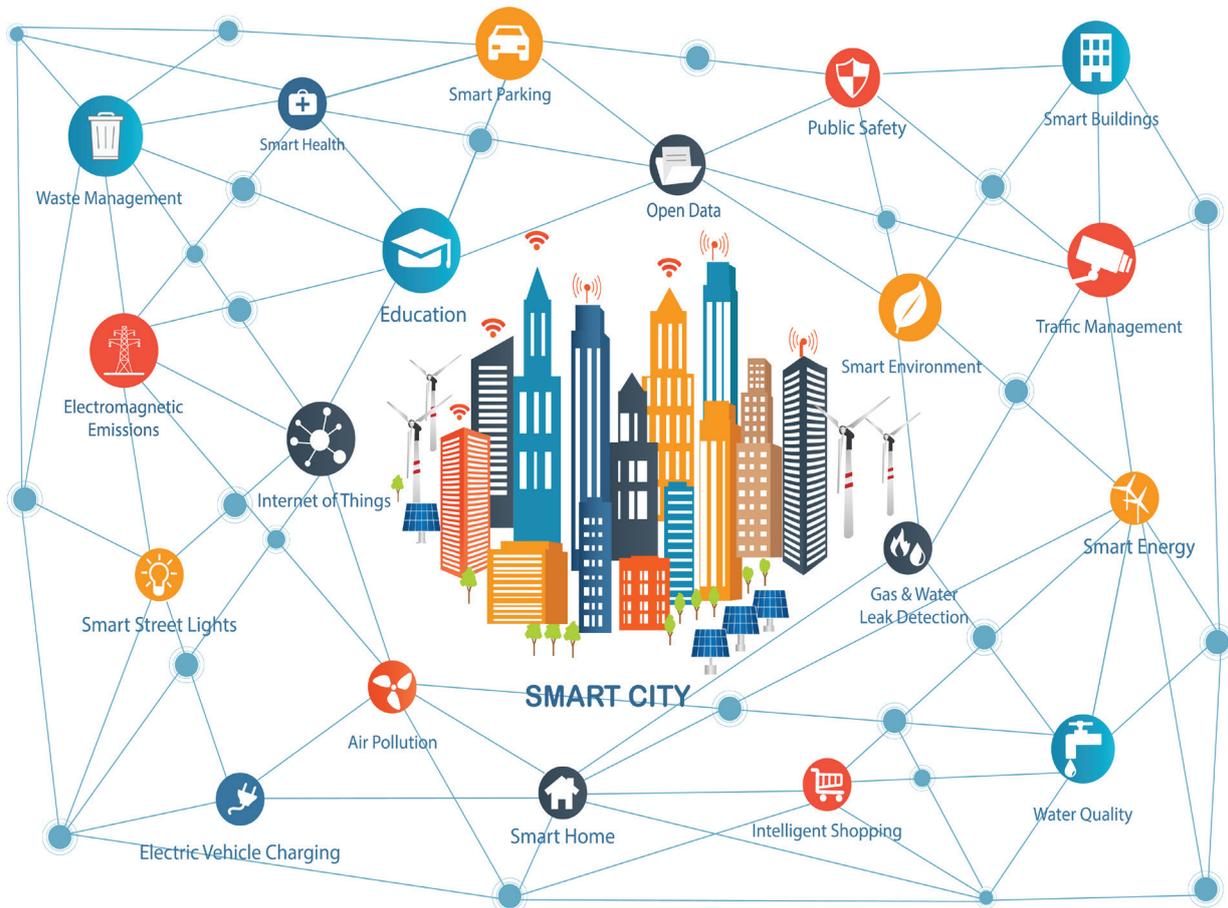


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ROBERT
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CENTRE FOR
ADVANCED
STUDIES



FSR COMMS
& MEDIA
Florence School of Regulation



REGULATING SMART CITIES II: MOBILITY AND DIGITAL CITIZENSHIP

Turin

24-26 October 2018

RATIONALE

The role of cities has become increasingly significant in recent decades. The majority of the world's population lives in those urban areas where most of the wealth is produced, energy and information are consumed and waste and pollution are generated. These urban agglomerations are witnessing major technological and social transformations, resulting in new lifestyles and inequalities at the same time.

The smart city, which has become a buzzword in urban development strategy, is considered to be one of the most powerful tools to deal with contemporary challenges at local level, such as pollution, energy efficiency, transportation, social inclusion and welfare, and to attract investments. In this framework, cities are considered as potential platforms where major building blocks such as infrastructure, urban planning, rules enforcement and active citizenship might be glued together into a system that is able to respond dynamically to a new set of citizens' needs.

The main challenges associated with the realization of a smart city lie in its multi-layer dimensions. As a consequence, an approach that integrates planning and management of the different layers would be required. In turn, this should entail a holistic consideration of different policy areas (ICT, transport, energy and water) with the inclusion of all stakeholders, such as governmental and non-governmental actors, private sector players and citizens. Overall, the main goal is to offer better services and to increase quality of life while guaranteeing infrastructure security and personal safety of citizens-consumers.

For the second year, the Turin School of Local Regulation and the Florence School of Regulation, Communications & Media Area of the European University Institute, are promoting a three-day, intensive training to discuss some of the most problematic issues related to the realization of smart cities. While the first edition (2017) addressed the architecture of e-infrastructures and the ways in which new business models are impacting local systems, the current edition focuses on smart mobility and on the concept of digital citizenship in data-driven cities, looking at the challenges involved for urban governance and economic sustainability.

The course has a multidisciplinary and comparative approach, with the aim of providing participants with the knowledge and skills that are needed to understand the main technological, economic and regulatory issues related to the full realization of a smart city.

TOPICS COVERED

- Regulation of smart infrastructures
- Regulation of smart services
- Competition
- Smart mobility
- Open vs. closed infrastructure
- Big Data & Open Data
- City planning
- Sharing platforms
- Blockchain technology
- Digital rights
- Welfare and inclusion technologies
- Social innovation

WHAT WE OFFER

- Multidisciplinary lectures (industry experts, policy makers, academics)
- Comparative approach
- A platform to exchange experiences and best practices
- Case studies
- Interactive sessions
- Debate with experienced stakeholders

PROGRAMME

DAY 1 | GOVERNING SMART CITIES

An overview of the concept of smart city, on the different experiments carried out in Europe and on the challenges for the regulation of the urban services.

- State-of-the-art in current smart city projects
- Regulatory challenges
- Data-driven cities: governance and management
- Smart cities and network industries

DAY 2 | MOBILITY

From on-demand services to driving autonomous vehicles, “smart mobility” represents a radical shift of paradigm for local mobility and transport sector in general, hence opening up technological, economic and political challenges.

- Policy initiatives for smart mobility
- Business models and trends
- Multilevel governance and regulation
- Case studies

DAY 3 | DATA-DRIVEN CITIES AND DIGITAL CITIZENSHIP

Big data and technology are transforming the cities all around the world: rethinking the traditional urban model is not just a technological and economic challenge, but a political one as well.

- Big Data
- Blockchain Technology
- Sharing Platforms
- Digital Social Innovation
- Digital rights

ELIGIBLE PARTICIPANTS

- Policy makers
- Regulators
- City planners
- Utility network specialists
- Industry experts
- Software architects
- Startups
- Researchers
- Community managers

FEES

- Fees include: course tuition, course materials, coffee breaks, lunches and one social dinner.
- ▶ Full fee 700 Euro
Application and full payment deadline: **14th September 2018 at 5pm CET**
- ▶ Early-bird fee 500 Euro
Application and full payment deadline: **13th July 2018 at 5pm CET**

WORKING LANGUAGE: English

THE VENUE

- The training course takes place at Rinascimenti Sociali, Via Maria Vittoria 38, in the heart of Turin city centre. Participants will benefit from a remarkable location and its fully-equipped facilities.

The initiative is endorsed by



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THE FLORENCE SCHOOL OF REGULATION COMMUNICATIONS & MEDIA AREA

The Florence School of Regulation, founded in 2004 by the European University Institute (EUI) and the Council of European Energy Regulators (CEER) with the support of the European Commission, is a centre of debate, training and research about regulation and competition policy in the network industries.

The Communications & Media Area of the FSR (FSR C&M) was established in 2009 in partnership with the European Electronic Communications Regulators (IRG/BEREC), and work closely with the European Commission (DG CNECT). It aims to provide state-of-the-art training for practitioners, to carry out analytical and empirical research, and to promote informed discussions on key policy issues in the electronic communications, Internet and media sector. The FSR C&M is directed by Professor Pier Luigi Parcu, with the support of a high level Scientific Committee composed by widely-known academic experts in the field and qualified research associates and project assistants.

Florence School of Regulation - Comms & Media,
Robert Schuman Centre for Advanced Studies
Via Boccaccio 121/111,
I-50133, Firenze (Italy)
<http://fsr.eui.eu/communications-media/>

TURIN SCHOOL OF LOCAL REGULATION

The Turin School of Local Regulation (TSLR) is a network school with a specific mission: focusing on local aspects of regulation and governance of public services and bridging the gap between the academic research and the local decision-makers.

The TSLR was officially launched by Foundation for the Environment in 2012 to capitalize a 15-year experience on training and capacity building on regulation of local public services. The School adopts a policy-oriented approach, with the aim of spreading the culture and instruments of regulation and regulatory reform at local level.

In terms of topics and sectors covered, the TSLR focuses on different aspects connected to local regulation (like investment decisions, procurement, tariff setting, asset management and distributional aspects) and on different sectors, namely energy distribution, urban waste and water cycle, local public transport, green areas and sport facilities, local welfare policies.

Turin School of Local Regulation
Via Maria Vittoria 38,
10123, Turin (Italy)
<http://turinschool.eu>

Regulating Smart Cities II: Mobility and Digital Citizenship

3-day Intensive Training

24-26 October, 2018

Day 1 - Governance

- 9:00 - 9:15 Welcome | Turin School of Local Regulation
- 09:15 - 10:45 Smart City Projects: The Need For an Holistic Approach | Pier Luigi Parcu, EUI
- 10:45 - 11:00 Coffee Break
- 11:00 - 12:30 A Soft Intro to Applied Data Science | Christian Racca , Top-Ix
- 12:30 - 14:00 Lunch
- 14:00 - 15:30 Smart Cities and Network Industries | Juan Montero, Eui/Uned
- 15:30 - 16:00 Coffee Break
- 16:00 - 17:30 Making 5G Nr A Commercial Reality | Luigi Ardito, Qualcomm

Day 2 - Mobility

- 09:00 - 10:30 Rethinking Regulations For Innovation. Insights From Mobility and Infrastructure Case Studies | Lorenzo Casullo, OECD
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:30 Car Sharing in Smart Cities: Car2go Business Model and its Positive Externalities. Current State and Future Developments | Luigi Licchelli and Giulia Ripa Di Meana, Car2go
- 12:30 - 14:00 Lunch
- 14:00 - 15:30 The Public Perspective. Who Should Regulate And Why? | Cristina Pronello, Sorbonne Universités – UTC and Polytechnic of Turin
- 15:30 - 16:00 Coffee Break
- 17:00 – 19:00 Round Table: Innovative Models for Urban Mobility Public Authorities, Academics and Private Companies

Day 3 - Data-Driven Cities And Digital Citizenship

- 09.00 - 10:30 Technology and Data for Urban Challenges: Barcelona's Experience | Francesca Bria, Barcelona City Council
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:30 Rethinking Smart Cities From the Ground Up | Tom Symons, Nesta
- 12.30 - 14.00 Lunch
- 14.00 - 15.30 Becoming Smart Citizens: From the Right to the City to the Right to the Digital City | Alberto Vanolo, University of Turin
- 15.30 - 16.00 Coffee Break
- 16.00 - 17.00 Final Discussion with Participants | FSR C&M and TSLR Teams
- 17.00 - 17.30 Concluding Remarks | Turin School of Local Regulation

SPEAKERS



Luigi ARDITO, QUALCOMM

Luigi Ardito is currently working as Director of government affairs for Europe, Middle East and North Africa at Qualcomm and drive Qualcomm spectrum and regulatory policy agenda in Europe and MENA dealing with various government entities and industry organizations. Prior to joining Qualcomm, Luigi worked for over a decade at Sony Corporation both in Japan and in the UK. Luigi gained also professional experience at France Telecom and at the Italian Public Broadcaster RAI. Luigi has extensive experience in the Media and Telecom industry as well as the Semiconductor Industry gained through his assignments at Qualcomm, Sony, France Telecom and RAI. He holds an Electronic Engineering Degree gained at the Politecnico di Torino in Italy and a Master of Business Administration gained at the Henley Management College in the UK.



Francesca BRIA, Barcelona City Council

Francesca Bria is Senior Researcher and Advisor on information and technology policy. She has a PhD in Innovation Economics from Imperial College, London and MSc on Digital Economy from University of London, Birbeck. As Senior Programme Lead at Nesta, the UK Innovation Agency, she has led the EU D-CENT project, the biggest European Project on direct democracy and digital currencies. She also led the DSI project on Digital Social Innovation in Europe, advising the EU on digital social innovation policies. She has been teaching in several universities in the UK and Italy and she has advised Governments, public and private organizations and movements on Technology and information policy, and its socio-economic impact. Francesca Bria is an adviser for the European Commission on Future Internet and Innovation Policy. She is currently the new Commissioner of Digital Technology and Innovation for the city of Barcelona in Spain.



Lorenzo CASULLO, OECD

Lorenzo joined the Organisation for Economic Cooperation and Development (OECD) in 2015, initially at the International Transport Forum (ITF) and subsequently at the Regulatory Policy Division where he works closely with the Network of Economic Regulators aiming to tackle emerging challenges for regulators in areas such as disruptive technologies, customer engagement and infrastructure investment. He is also involved in the development of innovative techniques to design and implement regulations, most notably in the field of behavioural insights. An economist by training, Lorenzo holds Master degrees from Cambridge University (Land Economy) and City University in London (Economic Regulation and Competition).



Luigi LICCHELLI, CAR2GO

Luigi was born in Rome in 1977 and works at Car2go since 2014, initially in Rome and soon after in Florence where he gave the start to the service and where he is currently location manager. In 2017 he was also in charge of the service in the city of Milan.



Juan MONTERO, European University Institute/UNED

Professor of Administrative Law at the Universidad Nacional de Educación a Distancia (UNED) in Madrid. His research is focused on the regulation of network industries, particularly railways, telecommunications and posts. He has published six books and more than forty scientific articles on independent regulatory agencies, network access regulation and public service obligations. He provides regular advice to carriers and governments on institution building, liberalization and public service schemes.



Pier Luigi PARCU, Florence School of Regulation, Communications & Media Area (FSR C&M)

He is Area Director of the FSR Communications & Media, Director of the Centre for Media Pluralism and Media Freedom and of the Florence Competition Programme. He is also Chairman of a consultancy company specialized in antitrust and regulatory issues of network industries. From 2000 to 2003, he has been CEO of the Independent System Operator running the Italian Electricity Grid (GRTN). From 1991 to 2000 he was the Director of Investigation at the Italian Competition Authority (AGCM) in charge of several regulated sectors. Previously, he served as Chief Economist at the Italian Security and Exchange Commission (CONSOB) and as Economist at the International Monetary Fund (IMF).



Cristina PRONELLO, Sorbonne University

Full professor at Sorbonne Universités – UTC and associate professor at Politecnico di Torino, Interuniversity Department of Regional and Urban Studies and Planning; she has been full professor at Université Lumière Lyon2, LET (Laboratoire d'Economie des Transports). She is member of the Scientific Advisory Board of the JPI Urban Europe and she has been for eight years Chair of the COST Domain Committee Transport and Urban Development, and served in the ECTRI board from 2005 to 2013. Her scientific interests are mainly focused to the travel behaviour, the effects of ITS on users' behaviours, the mobility surveys, transport economics and the environmental impacts from transport systems.



Giulia RIPA DI MEANA, CAR2GO

Double Master degrees in Law, from Turin University and Université de Paris Descartes, Giulia started her professional path at the Italian Embassy in Luxembourg, therefore she has been Public Affairs manager at Seat Pagine Gialle Spa. Fascinated by digital startups and entrepreneurship, she holds the MBA Bath Entrepreneurship Programme. From 2017 Giulia is Car2go location manager in Turin, managing and developing the free floating car sharing service and contributing to the urban mobility evolution together with Institutional Stakeholders and Mobility Operators.



Christian RACCA, TOP-IX

Design Engineer, Christian manages the TOP-IX BIG DIVE program aimed at providing training courses for data scientists, data-driven education initiatives for companies, organizations and consultancy projects in the (big) data-exploitation field. After graduating in telecommunication engineering at Politecnico di Torino, Christian joined TOP-IX Consortium, working on data streaming and cloud computing, and later on web startups. He has mentored several projects on business model, product development and infrastructure architecture and cultivated relationships with investors, incubators, accelerators and the Innovation ecosystem in Italy and Europe.



Tom SYMONS, Nesta

Tom is a Principal Researcher in the Policy and Research team at Nesta. His research focuses on government innovation and he is currently undertaking research into the ways data can help governments to improve decision making and support innovation. Prior to Nesta Tom was an Associate at Social Finance, a not-for-profit organisation that works with government, the social sector and the finance community to develop solutions to complex social problems. At Social Finance Tom worked on projects developing Social Impact Bonds and whole systems change programmes in local public services, including children's services, early years provision and health and social care integration. Tom previously worked at the Local Government Association, and before that was a Senior Researcher at the think tank New Local Government Network. Tom began his career as a Graduate Trainee at the London Borough of Islington. He has a BA in Economics and Politics from Exeter University and an MA in Housing from the University of Westminster.



Alberto VANOLO, University of Turin

PhD in Spatial planning and local development at the Polytechnic of Turin, he is associate professor of Political and economic geography at the University of Turin, Italy. His main research fields include urban studies and cultural geography. His latest book, entitled 'City branding, urban imaginaries and ghosts: the politics of representation in globalising cities', published by Routledge in 2017, focuses on city branding and the cultural and political dimensions of urban representations.

SECRETARIAT

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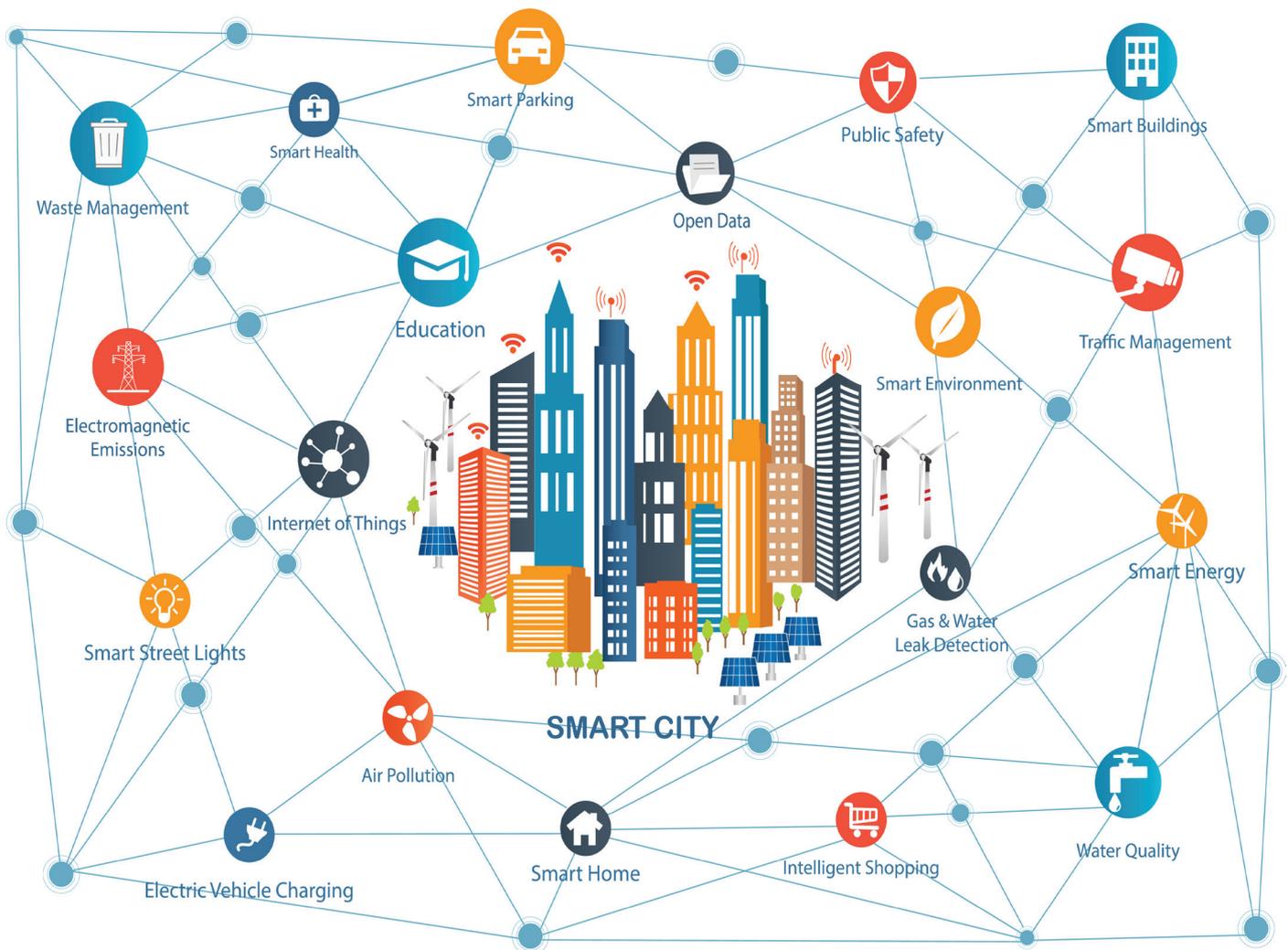
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