7TH CONFERENCE ON THE REGULATION OF INFRASTRUCTURES. NEW NETWORK STRUCTURES: DECENTRALIZATION, PROSUMERS AND THE ROLE OF ONLINE PLATFORMS

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Pier Luigi Parcu | European University Institute, Part-time professor, Area Director of the FSR Communications & Media, CMPF
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Badia Fiesolana, Via dei Roccettini, 9 - San Domenico di Fiesole

21 - 22 JUNE 2018

INTRODUCTION

The de- and re-regulation of the different network industries is an on-going process at both the national and global levels. As this process unfolds, ever new phenomena emerge, necessitating a constant reassessment of the content and objectives of regulation.

The rapidly evolving Information and Communication Technologies (ICTs) have significantly challenged the traditionally stable landscape of infrastructure services provision. The new data layer over the traditional infrastructure and service layers is transforming network industries: online platforms create new indirect network effects, they allow new service providers to enter the market (prosumers, sharing economy providers, etc.), and they challenge the central role of traditional infrastructure managers/service providers as entities ensuring the coordination of the sectors.

Offering traditional and new services in an innovative way is a growing trend among public authorities, traditional providers as well as new private operators, prosumers and platforms. However, together with great opportunities, disruptive innovations also give rise to new regulatory challenges, especially when it comes to infrastructure financing and the coordination of operations.

This 7th Florence Conference on the Regulation of Infrastructures aims at taking stock of the major challenges infrastructure regulation is currently facing as a result of technology, indirect network effects, newly emerging network structures (decentralized networks, distributed networks, sharing economy), and new actors (prosumers, OTTs, platforms, etc.).
PROGRAMME

21 JUNE

08.45 - 09.00 Welcome coffee

09.00 - 09.30 Room: Refectory
Introduction by FSR Area Directors
Matthias Finger | EUI and EPFL
Jean-Michel Glachant | EUI
Pier Luigi Parcu | EUI

PARALLEL SESSION (I)

09.30 - 11.00 Energy - Room: Refectory
Chair
Jean-Michel Glachant | EUI

Smart Grid, Load Management and Dynamic Pricing for Electricity: Findings from a field Project in Switzerland
Barbara Antonioli Mantegazzini

PV adoption in Wallonia: The role of distribution tariffs under net metering
Julien Jacqumin

Discussants
Tim Schittekatte | EUI
Pradyumna Bhagwat | EUI

Communication and Media - Seminar Room 2
Chair
Pier Luigi Parcu | EUI

The Internet of Platforms and Two-Sided Markets: Implications for Competition and Consumers
Rob Frieden

The Decentralization Via Self-Regulation of Online Platform and Competition Policy Challenges: A Study on Go-Jek in Indonesia
Sih Yuliana Wahyuningtyas

Discussants
Giorgio Monti | EUI
Pier Luigi Parcu | EUI

Transport - Room: Capitolo
Chair
Matthias Finger | EUI and EPFL

Internet of Things and the Economics of Shared Mobility
Günter Knieps
Maximizing the Value for Money of Road Projects through Digitalization
Carlos Oliveira Cruz
Discussant
Juan José Montero Pascual | EUI and UNED

11.00 - 11.30  Coffee break

**PARALLEL SESSION (II)**

11.30 - 13.00  Communication and Media - Seminar Room 2

Chair
Pier Luigi Parcu | EUI

**Regulatory Networks in the US Blockchain Industry**
Simone Franzi

*Postal operators as “ground based” online platforms?*
Pier Luigi Parcu | EUI

Discussants
Pier Luigi Parcu | EUI
Vincenzo Visco Comandini | University of Rome Tor Vergata

Transport - Room: Capitolo

Chair and discussant
Matthias Finger | EUI and EPFL

**A Study of IC Card Systems within Japanese Urban Railway Lines: Considering the Integration of Transportation Services**
Fumio Kurosaki

**ICT-LED Challenges for the EU’s Transport Infrastructure Funding: a Critical Assessment of Public-Private Partnerships**
Laura Panadés-Estruch

13.00 - 14.00  Lunch

14.00 - 15.30  Keynote speech and roundtable discussion - Room: Refectory

Moderator
Matthias Finger | EUI and EPFL

Keynote speaker
Pierpaolo Settembri | European Commission, Directorate-General for Mobility and Transport

Expert panel
Jean-Michel Glachant | EUI
Pier Luigi Parcu | EUI
Juan José Montero Pascual | EUI and UNED

15.30 - 15.45  Coffee break
**PARALLEL SESSION (III)**

**15.45 - 18.00**

**Energy - Room: Refectory**

Chair

Jean-Michel Glachant | EUI

Utilities of the future? The effects of newly emerging network structures on the cost of capital and Financials of Energy Distribution Firms

Edson Gonçalves, Joisa Dutra

Third Party Access to Existing Municipal Energy Infrastructure: Lithuanian Centralized District Heating Case Analysis

Diana Korsakaitė, Darius Bieksa

Peer-to-Peer Electricity Trading: A Review of the Legal Context

Henri van Soest

Discussants

Bruno Goulart De Freitas Machado | EUI

Athir Nouicer | EUI

Nicolò Rossetto | EUI

**Water - Room: Capitolo**

Chair and discussant

Simon Porcher | Sorbonne Business School

Exploring regulatory barriers for the use of Data-Driven Innovation in the management of key infrastructures

Brenda Espinosa

Economic Group’s Influence on the Efficiency and Quality of Service of Water Companies under Model-Firm Regulation

Maria Molinos-Senante

Alternative Governance Arrangements for Modular Water Infrastructure: a Systematic Review

Katrin Pakizer

**18.00 - 19.00**

Cocktail

**22 JUNE**

**09.30 - 11.45**

**Cross-sectoral Session - Room: Refectory**

Fostering Share&Charge through proper regulation

Fanny Vanrykel

Digital Platforms: A Literature Review and Policy Implications for Development

Carlo Maria Rossotto

EU-ETS and CORSIA: rivalry or partnership?

Sara Ortiz-Arce Vizcarro

Discussants

Matthias Finger | EUI and EPFL

Pier Luigi Parcu | EUI

Tong Zhu | EUI
11.45 - 12.15  Coffee break

**CONCLUDING REMARKS - ROOM: REFECTORY**

12.15 - 12.30  Concluding remarks and award of the best paper by FSR Area directors

Matthias Finger | EUI and EPFL
Jean-Michel Glachant | EUI
Pier Luigi Parcu | EUI

12.30 - 13.00  Announcement of the topic of the next conference

Matthias Finger | EUI and EPFL
Juan José Montero Pascual | EUI and UNED

13.00 - 14.00  Lunch