social and institutional innovation, in self-organising systems

New sciences and actions for complex cities

14-15 december 2017 Florence

14th December 2017

Palazzo Medici Riccardi, Giordano Hall
Via Cavour 1

9.30 Registration and welcome coffee

10.00 Institutional welcoming
Luigi Dei
President of the University of Florence, Italy
Andrea Arnone
*President of the Foundation for Research
and Innovation, Florence, Italy*
Saverio Mecca
*Dean of the Department of Architecture, DIDA,
University of Florence, Italy*
Gaetano Aiello
*Dean of the the Department of Economics,
University of Florence, Italy*
Giovanni Bettarini
*City Councillor for Urban Planning, Smart City
and Metropolitan Area, Florence Municipality, Italy*
Michelangelo Russo
President of the Italian Society of Urbanists SIU, Italy

10.30 Introduction
Camilla Perrone
University of Florence, Italy

11.00 Innovation Driver 1
Data Science
Keynote speakers
Digital Empowerment
Dirk Helbing
ETH Zürich, Switzerland

From urban data to the modeling of cities
Marc Barthelemy
CEA, Institut de physique théorique Paris, France

Gives comments and opens the debate
Michelangelo Russo

13.30 *LUNCH*

14.30 Parallel Session (Driver 2 - 3)
Chairs Driver 2
Ward Rauws
University of Groningen, The Netherlands
Stefano Cozzolino
Polytechnic of Milan, Italy
Chairs Driver 3
Mauro Lombardi
University of Florence, Italy
Alessandro Monti
Foundation for Research and Innovation, Florence, Italy

16.30 *COFFEE BREAK*

16.45 Innovation Driver 2
**Self-organisation and framework
rules for complex cities**
Keynote speakers
*How to turn a square into a circle?
About choice, policy and planning in
between fixed and transformative space*
Gert De Roo
Groningen University, The Netherlands

*Actions and conditions for action
in complex social-spatial systems*
Stefano Moroni
Polytechnic of Milan, Italy

Gives comments and opens the debate
Ward Rauws

15th December 2017

Palazzo Medici Riccardi, Giordano Hall
Via Cavour 1

9.00 Registration and welcome coffee

9.15 Innovation Driver 3
Ecosystems of Innovation
Keynote speakers
*Cities and platform economies – big data,
algorithms and regulatory flattening*
Nancy Holman
London School of economics, London, UK

*Smart specialization policy in the EU:
relatedness, complexity and regional
diversification*
Ron Boschma
Utrecht University, The Netherlands

Gives comments and opens the debate
Mauro Lombardi

11.00 *COFFEE BREAK*

11.15 Parallel Session (Driver 1 - 2 - 3)
Chairs Driver 1
Chiara Agnoletti | Chiara Bocci
IRPET, Italy
Chairs Driver 2
Ward Rauws
University of Groningen, The Netherlands
Stefano Cozzolino
Polytechnic of Milan, Italy
Chairs Driver 3
Mauro Lombardi
University of Florence, Italy
Alessandro Monti
Foundation for Research and Innovation, Florence Italy

13.30 *LUNCH*

14.30 Italian portrait of urban innovation:
how cities think and act?
Chair
Francesco Chiodelli
Gransasso Science Insitute, L'Aquila, Italy

*Postmetropolitan territory: innovation,
methodological and conceptual challenges
for cities and states trying to interpret regional
urbanization processes and problems*
Valeria Fedeli
Polytechnic of Milan, Italy

*Innovation Ecosystems, macro and micro,
galaxies and constellations: how the
Metropolitan City of Florence is evolving*
Alessandro Monti
Foundation for Research and Innovation, Florence, Italy

*Urban Innovation eco-systems: start (up) the
Greater Metropolitan Area of Florence*
Mauro Lombardi | Camilla Perrone
Marika Macchi | Costanza Zaino | Lorenzo Zoppi
University of Florence, Italy

*Understanding the boundaries of metropolitan
areas with new IT tools: the case of Florence*
Chiara Agnoletti | Leonardo Piccini
IRPET, Italy

*Sentient City platform, from Control
Room to Internet of Everything*
Paolo Nesi
University of Florence, Italy

National policies for distressed neighbourhoods
Simone Tani
*Presidency of the Council of Ministers,
Government & Public Affairs Management, Italy*

From Smart City to New Urban Manufacturing
Riccardo Leoncini
University of Bologna, Italy

16.00 Chairs conclusions from Parallel Session

16.30 *COFFEE BREAK*

16.45 Final Round Table
**New science and actions for complex cities:
towards a new urban imagination**
Chair
Alessandro Longo
Journalist from il Sole24Ore
Keynote speakers
Evert Meijers
Delft University of Technology, The Netherlands
Alessandro Balducci
Polytechnic of Milan, Italy
Alessandra Faggian
Gran Sasso Science Institute, L'Aquila, Italy
Jean Hillier via Skype
RMIT University, Melbourne, Australia
Serena Vicari Haddock
Milano-Bicocca University, Italy
Camilla Perrone
University of Florence, Italy