

**'The Science of the Smart City 2.0':  
Urban Liveability, Climate Change and Circular Economic Futures**

Naples, October 29-30, 2018

Palazzo Partanna, 58, Piazza dei Martiri | Auditorium ACEN

**MONDAY 29 October**

9:00: Registration and coffee

9:30: Opening Ceremony

**Mario Losasso**, Director of DiARC Department of Architecture, University of Naples Federico II

**Alfonso Morvillo**, Director of IRISS CNR

**Giuseppe Cozzolino**, Director General of the Metropolitan City of Naples

**Michelangelo Russo**, Director of the Doctoral School, Department of Architecture, University of Naples Federico II

**Federica Brancaccio**, ACEN President (Association of Building Construction Companies Naples)

**Peter Nijkamp**, JADS Jheronimus Academy of Data Science

**Peter Elmlund**, Program Director, & **Morgane Schwab**, Axel and Margaret Ax:son Johnson Foundation (Sweden)

10:00 – 10:30: **Introduction: Urban Space in an Environmental Perspective**

*Chair: Karima Kourtit*

**Luigi Fusco Girard** – New Challenges in an Urban World: Planning

**Peter Nijkamp** – New Challenges in an Urban World: Urbanometrics

10:30 – 10:45: Coffee break

10:45 – 12:45: **FROM SMART TO INTELLIGENT CITIES: AN INTERNATIONAL REVIEW**

*Chair: Luigi Fusco Girard*

**John Carruthers**: Balanced Growth in Bangladesh: Resilience to Climate Change via a National Urban Hierarchy

**Joe Ravetz**: Smart-wise Cities in India

**Patricio Aroca**: The Smartness' Migration Impacts on Chilean Smart/Smart-Less Cities

**Karima Kourtit, Peter Nijkamp & Soushi Suzuki**: Small is Beautiful, but Big is Better: a Global Comparison of Cities

12:45 – 13:45: Lunch

13:45 – 15:45: **FROM SMART TO INTELLIGENT CITIES: CHALLENGES AND OPPORTUNITIES**

*Chair: Antonia Gravagnuolo*

**Gert-Jan Burgers**: Urban Liveability and the Planning of the Past

**Lidija Petric**: Smart Governance in Historical Urban Destinations. Evidence from Croatia

**Cathy Macharis**: Smart and Human: The Possibilities and Challenges of New Mobility Concepts

**Karima Kourtit**: Blowing up the City: A Smart Strategy

15:45 – 16:00: Coffee break

16:00 – 18:00: **BIG DATA MANAGEMENT IN INTELLIGENT CITIES**

*Chair: Morgane Schwab*

**Alan Murray**: Smart City, Big Data Urban Analytics

**Monica Stephens & Jessie Poon**: Smart-Cognitive Cities in the Information Age of Presidential Tweets

**Laurie A. Schintler**: Blockchain for Circular Economies: Prospects and Challenges?

**Bart Neuts**: Monitoring Tourism Growth and the Visitor Experience in Lijiang, China, via Longitudinal Content Analysis

18:00 – 18:30: Reception and drinks

20:00 – 22:30: Dinner

**TUESDAY 30 October**

8:30 – 9:00: Coffee

9:00 – 9:15: **Peter Elmlund & Morgane Schwab**: Introduction to Challenges of Urban Spaces

9:15 – 9:30: **Raphaelle Vignol**, Programme Manager at UN-Habitat Research and Capacity Development - Capacity Development Unit, Nairobi, UN-Habitat UNI University Network.

9:30 – 11:30: **CIRCULAR CITIES: THE CHALLENGES FOR IMPLEMENTATION**

*Chair: Julie Marin*

**Jonas Bystrom**: Circular cities – why and how?

**Jo Williams**: Circular Cities: the challenges to implementation

**André Torre & Frederic Wallet**: Building Smart Cities: A Rural Challenge?

**Tomaz Dentinho**: Planning for a City, Smart, Sustainable, Entrepreneurial... Whatever a Free City wants to be

11:30 – 11:45: Coffee break

11:45 – 13:15: **CIRCULAR CITIES AND HUMAN SUSTAINABLE DEVELOPMENT**

*Chair: John Carruthers*

**Bruno de Meulder & Julie Marin**: Interpreting Circularity. Circular City Representations Concealing Transition Drivers

**Sigrid Stagl**: Placing Culture in an Ecological Economics Ontology: Beyond a Pillar Approach

**Antonia Gravagnuolo & Mariarosaria Angrisano**: Cultural Heritage Adaptive Reuse in Circular Port Cities: An Overview

13:15 – 14:15: Lunch

14:15 – 16:00: **URBAN LIVEABILITY, CLIMATE CHANGE AND CIRCULAR ECONOMIC FUTURES: ONGOING RESEARCH AND INNOVATION PROJECTS**

**METROPOLITAN CITIES: ECONOMIC-TERRITORIAL STRATEGIES, FINANCIAL CONSTRAINTS AND CIRCULAR REGENERATION - PRIN (Projects of Research of Relevant National Interest)**

*Chair: Luigi Fusco Girard*

**Maria Rita Pinto, Stefania De Medici, Serena Viola**: Siracusa "Circular City"?

**Pasquale De Toro, Silvia Iodice**: Urban Metabolisms in a Circular City

**Maria Cerreta, Gaia Daldanise**: Urban – Rural System Regeneration

**Francesca Nocca**: Circular Economy and Circular Cities: some Case Studies

**Martina Bosone**: Ercolano and Circular Urban Regeneration

**CULTURAL HERITAGE AS CONNECTIVE INFRASTRUCTURE**

*Chair: Gabriella Esposito De Vita*

**Stefania Ragozino, Stefania Oppido**: How to Cope with the Territorial Degeneration of Non-core Areas? A Landscape-based Proposal for the Mapping of Territorial Capital

**Imma Vellecco, Valeria Corazza**: Balancing Stakeholders' Expectations in Heritage Building Reuse: Governance and Circularity in Decision Making

**Anna Onesti**: Circularizing Relationships in the Vesuvian Area. The Contribution of Cultural Heritage

16:00 – 16:30: **Discussion and Conclusions**

20:00: Farewell dinner