Advanced Brainstorm Carrefour (ABC) presents

The City 2.0: smart People, Places, Planning

November 11-12, 2019

Host: Edward Glaeser

Organized by:

The Regional Science Academy  JADS  Harvard University

Ax:son Johnson Foundation  KTH

Venue: Thomson Room, Barker Centre 12 Quincy St, Cambridge, USA
Program

Sunday, November 10, 2019
18:00 - 20:30 Informal Party: Drinks & Snacks with the Glaeser family
Departure from Porter Square Hotel at 17:15 to the Glaeser family’s home

Monday, November 11, 2019
08:00 - 08:30 Coffee & Welcome
08:30 - 08:45 Opening Ceremony
Host: Edward Glaeser, Harvard University, USA
Organizers: Peter Nijkamp, Jheronimus Academy of Data Science (JADS), The Netherlands
Peter Elmlund, Ax:son Johnson Foundation, Sweden
Tigran Haas, Royal Institute of Technology (KTH) Stockholm, Sweden
Karima Kourtit, Jheronimus Academy of Data Science (JADS), The Netherlands

Session 1 New Urban Challenges
Chair: Edward Glaeser, Harvard University, USA
08:45 - 09:15 Peter Nijkamp, Jheronimus Academy of Data Science (JADS), The Netherlands
Smart City 2.0 Challenges in the Third Data Revolution
09:15 - 09:45 Denise Pumain, University Paris, France
Empowering Urban Governance Through Urban Science: Multi-Scale Dynamics of Urban Systems Worldwide
09:45 - 10:15 Alex Sandy Pentland, MIT, USA
Diversity, Wealth, and Crime: Dynamics in a Consumer City
10:15 - 10:45 Coffee break

Session 2 Novel Urban Visualisation Methods
Chair: Steffen Lehmann, University of Nevada, USA
10:45 - 11:15 Felipe Correa, University of Virginia, USA
Data Visualization and the Shaping of Urban Form: The Case of São Paulo
11:15 - 11:45 Laurie Schintler, Schar School - George Mason University, USA
Are Cities Really Becoming Any Smarter in the Era of Big Data and Artificial Intelligence?
11:45 - 12:15 Christine Boyer, Princeton University, USA
City Algorithms: Mapping and Visualizing Deep-Learning Livability

12:15 - 13:15 Lunch

Session 3 Cities in Perspective
Chair: Tigran Haas, KTH Stockholm, Sweden
13:15 - 13:45 Luís Bettencourt, University of Chicago, USA
Urban Science for Sustainable Human Development across Scales
13:45 - 14:15 Malcom McCullough, University of Michigan, USA
Downtime on the Microgrid
14:15 - 14:45 Danny Czamanski, Israel Institute of Technology, Israel
Big Data, Information and Endogenous Urban Growth
14:45 - 15:15 Andrew Karvonen, Royal Institute of Technology (KTH)
Cities as Engines of Innovation: Learning Loops of Experimentation
15:15 - 15:45 High tea break
Session 4

Round Table Talks on: New Visions on Cities in Transition, Public Places & Data Analytics

15:45 - 17:30 Chair: Edward Glaeser, (Harvard University, USA)
Karima Kourtit (JADS, The Netherlands)

Animating Talks:

**Introduction talk** by Edward Glaeser & Karima Kourtit

Andres Rodriguez-Pose, London School of Economics, UK
*Diversity in the DNA – Diversity in the DNA – how population diversity is at the root of long-term urban dynamism.*

Katharine Willis (University of Plymouth, UK),
*Beyond Smart Cities: Placemaking and Inclusion*

Peter Vervest (Erasmus University, The Netherlands),
*Interconnecting Complex Systems - Real Challenge for Smart Cities Dynamism*

Marcel van der Steen, Bureau of Statistics, The Netherlands
*Fit for Purpose Statistics for Data Driven Cities*

17:30 - 18:15 Drinks

19:30 Official Dinner at Colette Wine Bistro
Address: Porter Square Hotel 1924 Massachusetts Avenue

Session 5

Smart Cities Galore

Chair: Peter Batey, University of Liverpool, UK

09:00 - 09:30 Michael Batty, University College London, UK
*Smart Cities and Digital Twins*

09:30 - 10:00 Ben Derudder, Ghent University, Belgium
*Urban Science and Smart Cities: Realizing the Potential*

10:00 - 10:30 Karima Kourtit, JADS, The Netherlands
*City Love 2.0: A Place-Based Love Production Function Model of Urban Body and Soul*

10:30 - 11:00 Coffee break

Session 6

The Future of Cities

Chair: David Plane, University of Arizona, USA

11:00 - 11:30 Steffen Lehmann, University of Nevada, USA
*A Manifesto: Regenerating Cities in the Age of Climate Change*

11:30 - 12:00 Hassan Radoine, University Mohammed VI Polytechnic
Morocco, *From Smart Places to Smart Community: Inclusive Models of Planning for the African Context*

12:00 - 13:00 John Osth, Uppsala University, Sweden
*Happy People & Happy Cities*

12:30 - 13:30 Lunch
### Session 7
**Planning For Micro-Based Smart Cities**
Chair: Hassan Radoine, UM6P, Morocco

**13:30 - 14:00** Genevieve Giuliano, University of Southern California, USA  
*Transportation in City 2.0*

**14:00 - 14:30** David Plane, University of Arizona, USA  
*The Current System of Demographic Change and Mobility Planning*

**14:30 - 15:00** Sarah Williams, MIT, USA  
*Data Action: Using Data for a Public Good*

**15:00 - 15:30** High tea break

### Session 8
**Smart Resilient Cities and Places**
Chair: Laurie Schintler, Schar School - George Mason University, USA

**15:30 - 16:00** Carlo Ratti, MIT, USA  
*Sensible Cities*

**16:00 - 16:30** Daniela Constantin, Bucharest University of Economic Studies, Romania  
*Smart Solutions to City Resilience Challenges*

**16:30 - 16:45** **Summary by the Rapporteurs**
Tigran Haas, KTH, Sweden  
Morgane Schwab, Ax:son Johnson Foundation, Sweden  
Marta Marko Tisch, KTH, Sweden

**16:45 - 17:15** Edward Glaeser, Harvard University, USA  
*Great Minds in Regional Science: The Scientific Importance of Sherwin Rosen*

### Session 9
**Panel Discussion On: Contemporary Theory and Planning Practice Of Cities**
Chair: Michael Mehaffy, Ax:son Johnson Foundation  
Peter Batey, University of Liverpool, UK

**17:15 - 18:30** Introduction talk on *Urbanization Pathways and Dividends: Exploring the Variable Impacts of Urban Form* by Michael Mehaffy, Ax:son Johnson Foundation, Sweden

Panelists:
- Jaeseung Jeong, The master planner of Sejong smart city national pilot project Korea Advanced Institute of Science and Technology (KAIST), South Korea  
*Sejong Smart City Experiments on the Future of Cities*
- Hyoung Gun Wang, Senior Economist, World Bank, Washington, D.C., USA  
*Global Smart City Partnership Program of the World Bank*
- Ewald Breunesse, Royal Dutch Shell, The Netherlands  
*Smart Planning the Next Move: Climate Change and Climate Adaptation*

Closing presentation:  
Peter Batey, University of Liverpool, UK  
*Geodemographics and Spatial Planning*

**18:30-19:00** **Ways Forward and Closure & Drinks**

**19:30** **Farewell Dinner**
Restaurant Russell House Tavern  
Address: 14 John F. Kennedy St, Cambridge, USA