

# THE CITY

# AS A COMPLEX SYSTEM?

## LECTURE SERIES WINTER TERM 2013/14

## URBANE SYSTEME

The lecture series “The City as a Complex System”, organized by the Joint Center “Urban Systems”, in the winter term presents approaches to various aspects of urban systems and urban complexity from a wide range of disciplines and from various branches of practice and industry.

WINTER TERM 13/14:  
Wednesdays 6 PM ct.,  
Campus Essen, R11 T00 D01

- 16.10.2013** Welcome Session for Master’s Students and Introduction to the Series  
Prof. Dr. Jens Martin Gurr, Britische und anglophone Literatur und Kultur, UDE  
Prof. Dr. J. Alexander Schmidt, Institut für Stadtplanung und Städtebau, UDE
- 23.10.2013** Understanding Complex Urban Systems and the Contribution of Literary Studies  
Prof. Dr. Jens Martin Gurr, Britische und anglophone Literatur und Kultur, UDE
- 30.10.2013** Good Urban Space: Whole Space – Complex Space  
Prof. Ralf Weber, PhD, Raumgestaltung und Bildnerisches Gestalten, Technische Universität Dresden
- 06.11.2013** Urban Epidemiology – An Approach to Study the Complex Associations between Health and Urban Areas  
Prof. Dr. Susanne Moebus, Center for Urban Epidemiology (CUE), UDE
- 13.11.2013** Community Participation in Urban Open Space  
Tom Fox, New York City, USA
- 20.11.2013** Complexity Determines Diversity – the City as a Habitat for Plant and Animals  
Prof. Dr. Daniel Hering, Aquatische Ökologie, Fakultät für Biologie, UDE
- 27.11.2013** An Approach to Define and Structure Complexity in Business Decision Problems (with Applications to Logistics)  
Prof. Dr. Rainer Leisten, ABWL und Operations Management, UDE
- 04.12.2013** Analysing and Modeling of Complexity for Sustainability  
Prof. em. Bert J M de Vries, IMEW/Copernicus Institute of Sustainable Development, Universiteit Utrecht
- 11.12.2013** Create the Livable Cities. The Philips Lighting Approach to Urban Futures  
Marco Bevolo, Founder of Marco Bevolo Consulting, Eindhoven, NL  
Nils Hansen, Philips Lighting, Eindhoven, NL
- 18.12.2013** The City is not a Tree: Regenerative Planning and Design in the Fukushima Region  
Prof. Hajo Neis, PhD, University of Oregon, USA
- 08.01.2013** Modelling Urban Complexity in Social Cartography  
Prof. Dr. Fabian Kessl, Theorie und Methoden der Sozialen Arbeit, UDE  
Prof. Dr. Ute Schneider, Sozial- und Wirtschaftsgeschichte, UDE
- 15.01.2013** Municipal Water Management in Germany  
Prof. Dr. Martin Denecke, Siedlungswasser- und Abfallwirtschaft, UDE
- 22.01.2013** Climate Change, Energy Shortage and Population Growth: Challenges to Sustainable Planning  
Prof. Dr. Dr. Pierre Laconte, President of the Foundation for the Urban Environment, Belgien
- 29.01.2013** An Operations Researcher’s View on Urban Complexity  
Prof. Dr. Alf Kimms, Logistics and Operations Research, UDE
- 05.02.2013** Written Exam