

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**