

KEY ISSUES IN  
URBAN SYSTEMS

UNDERSTANDING AND MASTERING  
THE COMPLEX CITY: NEXT STEPS

RINGVORLESUNG 2014/15  
LECTURE SERIES WINTER TERM 2014/15

## URBAN SYSTEMS

In the winter term of 2014/15, the lecture series of the Joint Center „Urban Systems“ engages with approaches to understanding and managing urban complexity from a broad range of disciplines. All presentations will be in English, but they are open to the interested public and will provide overviews of and introductions to the respective fields rather than in-depth discussions for specialists.

WINTER TERM 2014/15:  
Wednesdays 6pm  
Campus Essen  
R11 T00 D03

- 15.10.2014 **Welcome Session for Master's Students and Introduction to the Series**  
*Jens Martin Gurr, UDE, Anglophone Studies & Alexander Schmidt, UDE, Urban Planning*
- 22.10.2014 **Approaches to Urban Complexity**  
*Jens Martin Gurr, UDE, Anglophone Studies*
- 29.10.2014 **Climate Change on the Urban Scale - Effects and Countermeasures**  
*Wilhelm Kuttler, UDE, Applied Climatology and Landscape Ecology*
- 05.11.2014 **CHP Systems – Opportunities and Challenges for the Urban Energy Infrastructure**  
*Christoph Weber, UDE, Energy Economy*
- 12.11.2014 **From Pre-Modern to Modern Urban Complexity: The Case of London**  
*Christoph Heyl, UDE, Anglophone Studies*
- 19.11.2014 **Future Cities: The Role of Smart Grids and Electric Vehicles**  
*Wolf Ketter, Rotterdam School of Management, Erasmus University, Department of Technology and Operations Management*
- 26.11.2014 **What can Literary Studies Contribute to Urban Complexity Research?**  
*Jens Martin Gurr, UDE, Anglophone Studies*
- 03.12.2014 **Dimensions of Complex Situations: The Interdisciplinary Potential of the VUCA Concept (volatility, uncertainty, complexity, ambiguity)**  
*Andreas Hieronymi, University of St. Gallen, Institute for Media and Communications Management (MCM)*
- 10.12.2014 **Challenges and Solutions of European Smart Energy Projects**  
*Pedro José Marrón, UDE, Networked Embedded Systems*
- 17.12.2014 **Public Health Challenges of Megacities: Focus on Asia**  
*Alexander Krämer, University of Bielefeld, Faculty of Health Sciences*
- 14.01.2015 **Municipal Water Management in Germany**  
*Martin Denecke, UDE, Sewage Management*
- 21.01.2015 **From Paris to Chengdu: Guillaume Apollinaire's wonderful travels in the new media-complex city**  
*Emmanuel Rubio, University Paris Ouest Nanterre La Défense, French Literature*
- 28.01.2015 **Complex Region, Complex Planning Processes?!**  
*Christian Lamker, TU Dortmund, Faculty of Spatial Planning*
- 04.02.2015 **Outlook Towards Module 4 of Master's Programmes 'Urban Systems'**  
*Susanne Moebus, UDE, Center for Urban Epidemiology & Hans-Werner Wehling, UDE, Geography*