The German Center for Research and Innovation (GCRI) and the German Federal Ministry of Education and Research (BMBF) with its ‘Building the City of Tomorrow’ campaign cordially invite you to a scientific networking event on:

Smart Cities & Urban Development

Program

06.30 – 06.45 p.m.  Welcome addresses
Kai Hennig, German Consulate General
New York City
Petra Berkner, Federal Ministry of Education and Research (BMBF)
Jennifer Neumann, DLR Project Management Agency

06.45 – 07.10 p.m.  Key note
Erwin Rezelman, [ui!] Urban Integrated Inc.

07.10 – 08.00 p.m.  Project pitches + Q&A session
- DE-US.net presented by Dr. Stephan Bartke, Helmholtz Center for Environmental Research (UFZ)
- CITYtrans presented by Prof. Ursula Eicker, Stuttgart University of Applied Sciences (HFT)
- TAUROUS presented by Daniel Hiller, Fraunhofer Institute for High-Speed Dynamics (EMI)
- IGSI presented by Marcus Jeutner, TU Berlin, Institute of Urban and Regional Planning (ISR)
- GIP2China presented by Alexander Sohr, German Aerospace Center, Institute of Transportation Systems
- MoviCi presented by Mirko Goletz, German Aerospace Center, Institute of Transport Research

08.00 – 08.30 p.m.  Networking Reception
Moderated by: Dr. Joann Halpern
German Center for Research and Innovation

In order to achieve the goal of sustainable smart cities, strong collaborations in research and technology are critical. For this reason, six German urban research networks are building partnerships in the US to develop innovative solutions and joint projects for resource-efficient and climate-adapted cities of the future. The GCRI is inviting American researchers, urban planners, architects, decision-makers, municipal authorities and representatives from the private sector to participate and share their ideas to build the cities of tomorrow.

www.research-in-germany.org/shaping-the-future
www.germaninnovation.org
Project pitches: Speaker Biographies

**DR. STEPHAN BARTKE**

**Scientific Project Coordinator, Helmholtz Center for Environmental Research, German Environment Agency**

Stephan Bartke, PhD, coordinates the DE-US.net network, which aims to bring together German and US inventors and trailblazers from municipalities, business and academia to build sustainable cities of tomorrow. An economist by training, Stephan is a research fellow at the Helmholtz Center for Environmental Research (UFZ), Leipzig, and scientific project coordinator at the German Environment Agency (UBA), Dessau, Germany. Since 2015, he has been coordinating the EU funded collaboration and support campaign INSPIRATION – Integrated Spatial Planning and Land Use and Soil Management Research Action, which involved more than 500 European experts from 20 countries in developing a strategic research agenda for soil and land management. Stephan Bartke lectures at Leipzig University and has been a visiting research fellow at the University of Manchester, UK and assistant lecturer at several German universities. He has coordinated several national and international research projects aimed at facilitating sustainable land use, including TIMBRE – Tailored Improvement of Brownfield Regeneration in Europe in 2011-2014. Stephan is a member of the US-German Bilateral Working Group and leads the ‘Land Recycling’ technical committee within the German Association of Remediation Engineers (ITVA).

**PROF. DR. URSULA EICKER**

**Head of the Institute of Applied Research, University of Applied Sciences, Scientific Director of the Research Center for Sustainable Energy Technologies**

Prof. Ursula Eicker is a physicist who has been conducting international research projects on energy efficient cities and renewable energy supply systems at the Stuttgart University of Applied Sciences since 1993. Her main research field over the last few years is the development of 3D urban simulation tools which can be used for urban energy planning. Building simulations on an urban scale are combined with renewable supply options, automated district heating and cooling network planning and urban shading analyses for solar potential simulation. Since 2002, she has been the Scientific Director of the Research Center for Sustainable Energy Technologies (zafh.net) in Baden Württemberg with 35 research scientists. She also heads the Institute of Applied Research of the University of Applied Sciences in Stuttgart where more than 70 building physicists, geoinformation scientists, mathematicians, civil engineers and architects cooperate on sustainable urban systems and innovative technologies for industry. Prof. Eicker recently managed an integrated European demonstration project on sustainable communities with 18 partners and a total budget of 17 million euros plus a Marie Curie graduate school on urban energy management. She is currently coordinating a Marie Curie PhD school on smart cities and a Horizon 2020 project on the demand-side management of blocks of buildings.
DANIEL HILLER

Head of Strategic Management, Fraunhofer Institute for High-Speed Dynamics, Ernst-Mach-Institute

In his position at Fraunhofer EMI, Daniel Hiller has initiated and managed national and international projects related to applied security and resilience solutions in various environments. Before taking up his current position, he served as the Managing Director of the Fraunhofer-Group for Defence and Security Research (VVS) under the leadership of Prof. Dr. Klaus Thoma, former Director of Fraunhofer EMI. In that role, Daniel Hiller managed the political network of the VVS and engaged with key stakeholders in both civil and military domains. Currently, Daniel Hiller is the Managing Director of the Sustainability Center Freiburg, a joint initiative of all five Fraunhofer Institutes in Freiburg together with the Albert-Ludwigs-University in Freiburg, Germany. Before joining the Fraunhofer Society in 2009, Daniel Hiller served in the Market Research and Competitive Intelligence Department of Rheinmetall Defence. He completed his undergraduate studies in political science, modern history as well as conflict studies at the Philipps-University in Marburg, Germany, before acquiring his graduate degree at his alma mater and the Pennsylvania State University.

MARCUS JEUTNER

Research Associate, TU Berlin, Institute for Urban and Regional Planning, Partner, insar consult

Marcus Jeutner graduated in Urban and Regional Planning as well as Urban Design. He has been involved in various planning and consultancy projects as a freelance planner with the company insar consult in Berlin since 2009. In January 2017, he became acting partner of the company. Recently he has been involved in the ‘Revision of HCMC Regional Plan to 2030 and Vision to 2050’ and ‘Energy-efficient Renewal of Urban Areas in Lithuania’. Since 2011, Marcus Jeutner has been part of the Habitat Forum Berlin gGmbH. Marcus Jeutner’s main research focal points are urban development processes and infrastructure projects in the context of changing mobility patterns in Indian cities. In 2015, Marcus Jeutner and the Habitat Forum Berlin won the international competition on ‘PLANETARY URBANISM – Critique of the Present in the Medium of Information Design’. The work of the Habitat Forum Berlin has been exhibited as part of the German contribution to the UNHABITAT III Conference in Quito 2016. Since 2014, Marcus Jeutner has been a research associate at TU Berlin, Institute of Urban and Regional Planning, Chair of Urban Renewal and Sustainable Development. Since 2016 he has been coordinator of the ’Indo-German Smart Initiative’ – a joint cooperation of Berlin-based research institutions, architecture and urban planning offices and infrastructure engineers – to promote integrated urban development and co-production for Indian future cities.
ALEXANDER SOHR

Research Associate, German Aerospace Center, Institute of Transportation Systems

Alexander Sohr is a scientist at the German Aerospace Center and since 2005 has been a researcher and team leader of the Individual Mobility Management group at the Institute of Transportation Systems in Berlin, Department 'Traffic Management’. He has worked on several national and international projects (first project in 2006 in China). He was the leader of the Future Megacities Project METRASYS funded by the German Federal Ministry of Education and Research (BMBF), focusing on sustainable mobility in upcoming megacities. He studied Computer Engineering at the Technical University Berlin. During his studies, he worked as a student assistant at the Fraunhofer Institute for Software and Systems Engineering. He completed his degree (Dipl.-Ing.) in 2005. His main research interests include the whole field of sustainable mobility for megacities, especially the reduction of traffic induced air pollution. This also includes data collection, prediction and fusion methods.

MIRKO GOLETZ

Research Associate, German Aerospace Center, Institute of Transport Research

Mirko Goletz has been a research assistant with the Passenger Transport Department of the Institute of Transport Research since 2010. His research focuses on the fields of future scenarios and mobility, bicycle traffic and innovative transport concepts. Mr Goletz focuses in particular on the field of urban mobility and informal transport services in developing countries. During the winter semester of 2013/2014, Mr Goletz gave a seminar on the ‘Introduction to Transport Geography’ at the Geography Department of the Humboldt University of Berlin. His scientific works include publications on the topics of mobility trends and informal transport services, focusing on the region of Latin America. Mirko Goletz undertook his academic training to become a graduate economist at the Free University of Berlin, Grenoble School of Management, France and the Goethe University, Frankfurt and finished his training in 2009.