

Draft Agenda of the 4th Sino-German Innovation Conference

13-14 April 2016

Humboldt Carré, Behrenstraße 42, 10117 Berlin

Day 1 (11:30-18:00 h)

11:30 – 12:15	<p>Opening Ceremony</p> <ul style="list-style-type: none"> • Introduction of both ministers by Engelbert Beyer, Head of Directorate Innovation Strategies, Federal Ministry of Education and Research (BMBF) • Prof. Dr. Johanna Wanka, Minister, Federal Ministry of Education and Research • Prof. Dr. Wan Gang, Minister, Ministry of Science and Technology of the People's Republic of China • Dr. Hu Zhijian, President, Chinese Academy of Science and Technology for Development
12:15 – 13:15	<p>Roundtable: “Global challenges: Innovation as engine for joint solutions in digitalization, environment and urbanization” Moderator: Dr. Margot Schüller, German Institute of Global and Area Studies (GIGA)</p> <p>Participants:</p> <ul style="list-style-type: none"> • Dr. Su Yunsheng, Director of Technical Development Center, Shanghai Tongji Urban Planning & Design Institute • Prof. Dr. Michael Dowling, Chair of Innovation and Technology Management, University of Regensburg • Prof. Dr. Mu Rongping, Director General of CAS Center for Innovation and Development • Prof. Dr. Markus Taube, Chair East Asian Economic Studies/China at the Mercator School of Management and Director of the IN-EAST School of Advanced Studies at the University of Duisburg-Essen • Torsten Küpper, Vice -President Corporate & Public Affairs, Huawei • Beat Weibel, Head of Siemens Corporate Intellectual Property
13:15 – 14:30	Lunch



3 Parallel Panels			
	Analysis of the National Innovation Systems	Innovations in the Field of Urbanization	Current and Future Topics in Sino-German R&D Cooperation
14:30 – 16:00	Session 1.1. National Innovation Systems in China and Germany	Session 2.1. Climate and Energy Efficient Cities	Session 3.1. Digitalization Challenges in China and Germany
	Chair: Prof. Dr. Alexander Gerybadze <ul style="list-style-type: none"> • Germany’s new High-Tech Strategy (Engelbert Beyer, BMBF) • China’s STI: Trends and Progress (Dr. Hu Zhijian, CASTED) • Research and Innovation Policy in Germany (Prof. Dietmar Harhoff, Ph.D., Max Planck Institute for Innovation and Competition) • Promote Rapid Development of China’s Renewable Energy by Science and Technology (Xu Chaoqian, Deputy Director of High-Tech Dept., MoST) • Policy to Promote Technological Innovation of Chinese Enterprises (Bao Xianhua, Deputy Director of Policy Dept., MoST) 	Chair: Prof. Dr. Li Zhenyu <ul style="list-style-type: none"> • Innovations for Low-Carbon Cities (Prof. Dr. Raoul Bunschoten, TU Berlin) • Ways and Strategies of Building Energy Efficiency Improvements in China (Prof. Li Deying, CABEE) • Create the Future of Mobility – Introduction of Shanghai Electric Vehicle Application Promotion (Dr. Cao Guangyu, Shanghai International Automobile City Group) • Circular Economy as an Instrument for the Promotion of Resource Efficiency (Dr. Thomas Sterr, Heidelberg University) • The Atmospheric Pollution Control in Beijing, Tianjin and Hebei (Tao Guangyuan, SinoGerman Renewable Energy Cooperation Center) 	Chair: Dr. Margot Schüller <ul style="list-style-type: none"> • Building World-class Information Infrastructure for Innovation Development (Prof. Dr. Yu Jiang, CAS-IPM) • Become a Data-Driven Business – Opportunities & Challenges (Dr. Clemens Daeschle, SAP SE) • Building a Better Connected World via ICT Collaborations (Dr. Zhou Hong, Huawei) • Industry 4.0 and the Future of Work (Prof. Dr. Hartmut Hirsch-Kreinsen, TU Dortmund) • Vocational Education and Training in Digital Factories (Prof. Dr. Eberhard Abele, TU Darmstadt)



16:00 – 16:30	Coffee-/Tea- Break		
	Continuation of the 3 Parallel Panels		
16:30 – 18:00	Session 1.2. Regional Innovation Systems and Cluster Policy in China and Germany	Session 2.2. Water in Urban Areas	Session 3.2. Smart Production and Services
	Chair: Prof. Dr. Mu Rongping <ul style="list-style-type: none"> Regional Initiatives and Innovation Policy on State Level in Germany (Prof. Dr. Andreas Pinkwart, HHL) The Diversity of Regional Innovation Capability and its Implications for the Future of China (Prof. Liu Xielin, University of the Chinese Academy of Sciences) Smart Specialization and Leading Edge Clusters in Heidelberg (Dr. André Domin, BioRN Cluster) From Low-cost Cluster to Innovation Cluster – Two Cases of China’s Construction Machinery Industry (Dr. Su Nan, CASTED) 	Chair: Dr. Michael Prange <ul style="list-style-type: none"> Innovation in China’s Water Pollution Control technology and trend (Prof. Dr. Dai Xiaohu, Tongji University) Obstacles for Innovations in the Water Sector using wasted Water Technology as Example (Prof. Dr. Max Dohmann, RWTH Aachen) Next Generation Waste Water Processing and Resourcing Technology (Prof. Dr. Chen Hongbin, Tongji University) Sponge City Construction & Urban Water-Cycling System 3.0 (Prof. Ren Nanqi, Harbin Institute of Technology) Financing Innovative Clean Water Solutions (Dr. Charlotte van der Schaaf, KfW) 	Chair: Dr. Herbert Zeisel <ul style="list-style-type: none"> Smart Services (Walter Ganz, FhG-IAO) Chinese Manufacturing 2025 and Current Work (Prof. Dr. Liu Dan, Instrumentation Technology & Economy Institute) Cognitive Technologies for Production and Services (Prof. Dr. Zhang Jianwei, University of Hamburg) IoT Reference Architecture and Intelligent Manufacturing (Shen Jie, Wuxi Sensing Net Industrialization Research Institute)
18:00	Welcome Dinner at Restaurant Gendarmerie (Humboldt Carré)		



Day 2 (09:00-16:00h)

	Analysis of the National Innovation Systems	Innovations in the Field of Urbanization	Current and Future Topics in Sino-German R&D Cooperation	Break-out Session
09:00 – 10:30	Session 1.3. Standard-Essential Patents in China und Germany	Session 2.3. Integrated Urban and Environmental Planning	Session 3.3. Smart Lighting	Session 4. Medical Sciences and Biotechnology
	Chair: Dr. Thomas Pattloch <ul style="list-style-type: none"> • Standards and Patents – the German Judicature’s Position (Dr. Thomas Kühnen, OLG Düsseldorf) • Patents and Standards from a Company's Point of View (Dr. Claudia Tapia, Ericsson) • Dimensional Transparency: Progress of the Industry and the Legal System (Tian Dao, ZTE) • Patents in Standards – an Obstacle for Innovations? (Prof. Dr. Knut Blind, FOKUS and TU Berlin) • China’s IP Law and its Future Development – In Respect of SEPs (Prof. Dr. Shan 	Chair: Prof. Dr. Elke Pahl-Weber <ul style="list-style-type: none"> • Rapid Planning (Dieter Steinbach, AT Association) • Municipal Solid Waste management in China (Dr. Lu Wenjing, Tsinghua University) • German MSW Processing Technology in China (Markus Dicke, CEO of German Bio Energy Technology (Beijing) Co., LTD) • Sustainable Mobility Concepts (Wolfgang Niebel, Institute of Transportation Systems, DLR) 	Chair: Lars Unnebrink <ul style="list-style-type: none"> • SSL Industry Development: Status & Smart lighting in China (Wu Ling, China SSL Alliance) • New Developments in Solid-State-Lightings and Sino-German Cooperation Potential (Prof. Dr. Tran Quoc Khanh, TU Darmstadt) • The New Horizon of Sino-German Cooperation on Innovation and Entrepreneurship (Dr. Zhang Guoqi, State Key Laboratory of Solid State Lighting) 	Chair: Prof. Dr. Ole Döring <ul style="list-style-type: none"> • R&D of Medical Titanium Alloy and Implant Interface (Prof. Dr. Cai Kaiyong, Chongqing University) • Anti-Epileptic Compounds Leveraging Ancient Prescriptions (Prof. Dr. Paul Unschuld, Charité Berlin) • The Development of Cardiovascular Medical Devices in China (Dr. Pu Zhongjie, Lepu Medical Technology (Beijing)) • Automated Individualised Blister Packing of



	Xiaoguang, Law School, Tongji University)		<ul style="list-style-type: none"> Accelerating the Adoption of Smart Lighting by Industrial Cross-Country Collaboration (Dr. Norbert Linder, OSRAM GmbH) 	Pharmaceuticals (Prof. Edwin Kohl, 7x4 Pharma, Merzig)
10:30 – 11:00	Coffee-/Tea- Break			
11:00 – 12:30	Continuation of the 3 Parallel Panels			
	Session 1.4. Innovation Finance and Sino-German Cooperation	Session 2.4. Urban Innovations and Practical Showcases	Session 3.4. E-Mobility	
	Chair: Dr. Georg Licht <ul style="list-style-type: none"> The Main Programs and Channels of China’s Finance Input on International S&T Cooperation (Prof. Fan Chunliang, CAS IPM) Innovation Financing for SMEs (Wolfgang Crasemann, BMWi) Latest Policy Tools of China’s S&T Finance (Dr. Zhang Junfang, CASTED) Business Angels (Dr. Ute Günther, Business Angels Network Germany) 	Chair: Prof. Li Deying <ul style="list-style-type: none"> Super Smart City (Dr. Su Yunsheng, Tongji University) Showcases for Good Urban Governance (Dr. Michael A. Waibel, University Hamburg) Community-Oriented Regeneration of Downtown Factory (Prof. Dr. Li Zhenyu, Tongji University) Innovative Planning Showcase in Germany (Roman Serdar Mendle, ICLEI) The Engineering Applications of High-Performance Composite Lightweight Materials in the Transportation Equipments (Jiang Qibin) 	Chair: Prof. Dr. Wu Zhixin <ul style="list-style-type: none"> Sino-German Fuel Cell Vehicle Cooperation Status & Trend (Prof. Ma Jun, Tongji University) Development of the Sino-German Cooperation in E-Mobility (Prof. Dr. Alois Knoll, TU Munich) Innovation and Application of Electric Powertrains for Vehicular Electrification (Dr. Cai Wei, Jing-Jin Electric Technologies) Innovation Processes and E-mobility (Dr. Matthias Behrendt, KIT) Influence of EVs and Smart Transport (Dr. Li Zhiheng, Tsinghua University) 	



12:30 – 13:30	Lunch
13:30 – 15:30	<p>Plenary Session</p> <p>Chair: Dr. Rainer Frietsch, Fraunhofer Institute for Systems and Innovation Research (ISI)</p> <p>Rapporteurs:</p> <ul style="list-style-type: none">• Prof. Dr. Mu Rongping, Director General of CAS Center for Innovation and Development• Prof. Dr. Ingo Liefner, Chair of Economic Geography , Justus-Liebig University Giessen• Prof. Dr. Dai Xiaohu, Dean, College of Environmental Engineering and Environmental Science, Tongji University• Dr. Michael A. Waibel, Senior Researcher, Institute of Geography, University Hamburg• Wu Ling, Secretary General, China Solid State Lighting Alliance• Prof. Dr. Doris Fischer, Chair of China Business and Economics, University of Wuerzburg
15:30 – 16:00	<p>Closing Ceremony</p> <ul style="list-style-type: none">• Prof. Dr. Liu Xielin, School of Management, University of Chinese Academy of Sciences• Prof. Dr. Alexander Gerybadze, Chair of International Management, Hohenheim University• Chen Jiachang, Deputy Director-General, Department of International Cooperation, Ministry of Science and Technology of the People's Republic of China• Engelbert Beyer, Head of Directorate Innovation Strategies, Federal Ministry of Education and Research
16:00 – 17:00	Informal Networking Opportunity