

ENGINEERING for our FUTURE!

16-18 October, 2017

Kimdaejung Convention Center Gwangju Metropolitan City, Republic of Korea



9th Joint
Korean-German Conference

Sustainable Energy and E-mobility

Robotics and Automation

Medical Engineering

Smart Metropolitan Planning

Programme of 9th Joint Korean-German Conference

October 16th

- 19:30 – **Reception**
- Moderation **Lee, Kyung Hee** (*confirmed*)
Christoph Pollmann (*confirmed*)
- Welcome Address **Yoon, Jang Hyeon** (Mayor of Gwangju) (*confirmed*)
Kim, Hwang-Sik (ADeKo Chairman & former Prime Minister) (*confirmed*)
Stephan Auer (Ambassador of German Embassy) (*tbc*)
- Performance **Gwangju culture Art**
- Toast **Kim, Hwang-Sik** and **Yoon, Jang Hyeon**
- Welcome Keynote **Kim, Sook-chul** (KEPCO Director for new technology) (*tbc*)

October 17th

- 08:00 – 09:00 Registration
- 09:00 – 09:30 **Opening Session 1**
- Moderation **Kim, Soyeon** (*confirmed*)
- Welcome Address **Kim, Hwang-Sik** (ADeKo Chairman & former Prime Minister) (*confirmed*)
Stephan Auer (German Ambassador) (*confirmed*)
Dr. Christian Müller (DAAD, Director of strategy department) (*confirmed*)
Yoon, Jang Hyeon (Mayor of Gwangju) (*confirmed*)
Dr. Moon, Seung-hyeon (GIST, President) (*tbc*)
Jeong, Byung Seok (CNU, President) (*tbc*)
Lim, Ki-Chul (President KISTEP) (*confirmed*)
- 09:30 – 09:45 **Opening Session 2**
- Paik, Ungyu** (Minister of Korean Ministry of Trade, Industry and Energy) (*tbc*)
Cho, Hwan-Eik (President of KEPCO) (*confirmed*)
Jang, Byung Wan (Head of the National Assembly Chamber of Commerce) (*tbc*)
- 09:45 – 10:15 VIP Photo Session & Coffee Break
- 10:15 – 10:45 **Keynote Speech 1**
- Prof. Dr. Friedrich Hubert Esser** (BIBB) "Industrie 4.0 und Digitalisierung" (*confirmed*)

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10:45 – 11:15 **Keynote Speech 2**

Dr. Kwon, Moon-Sik (Vice Chairman, Hyundai Motor Group) *(confirmed)*

N.N. (Kepco) *(tbc)*

11:30 – 13:30 Lunch

13:30 – 15:00 **Parallel Session 1: Sustainable Energy and E-mobility**

Chair **Cho, Sung Hwan** (Hyundai Motor Group, Head of R&D Planning and Coordination Group) *(confirmed)*

Manfred Martin (RWTH Aachen) *(tbc)*

13:40 – 15:00 **Part 1**

- **Lee, Jinwoo** (Hyundai Motor Group) *(confirmed)*

- **Kim, Sook-chul** (KEPCO) *(tbc)*

- **Anja Haehle-Posselt** (Leipzig, Elektromobilität/Automobilindustrie) *(tbc)*

15:00 – 15:15 Coffee Break

15:15 – 16:30 **Part 2**

- **Hacker, Wolfgang** (BMW Head of Brand Management) *(confirmed)*

- **Jang, Jaekyun** (Continental, Head Interior System & Technology Korea) *(confirmed)*

- **Robert Schachtschneider** (DENA, Head of Office) *(confirmed)*

13:30 – 15:00 **Parallel Session 2: Robotics and Automation**

Chair **Prof. Dr. Park, Jong-oh** (Director of Robot Research Initiative, JNU) *(confirmed)*

Fraunhofer IPA *(confirmed)*

13:40 – 15:00 **Part 1**

- **Dr.- Ing. Max Hoßfeld** (Fraunhofer IPA Stuttgart, ARENA 2036 e.V.) *(confirmed)*

- **Wolfgang Rabl** (B&R Automation) *(confirmed)*

15:00 – 15:15 Coffee Break

15:15 – 16:30 **Part 2**

- **Dr.-Ing. Kim, Mun Sang** (GIST) *(confirmed)*

"Intelligent Robot for cognitive training of the elderly people"

- **N.N. (Siemens)** *(tbc)*

13:30 – 15:00 **Parallel Session 3: Healthcare and Medical Technology**

Chair **Dr. Moon, Young L.** (Chosun University) *(confirmed)*

Dr. Christoph Hollenders (Dresden City, Honorary Consul) *(confirmed)*

13:40 – 15:00 **Part 1**

- **Dr. Michael Szardenings** (Fraunhofer IZI) *(confirmed)*

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- **Kim, Sang Bong**, Director of Pharmaceutical Policy Division (MFDS, Director of Pharmaceutical Policy Division) (*confirmed*)
- **N.N.** (Green Cross) (*tbc*)
- **N.N.** (Gachon Hospital) (*tbc*)
- **Prof. Dr. Han, Ho-Seong** (SNU Bundang Hospital, Chairmen of Surgery Department) (*tbc*)
- **N.N.** (Fresenius Kabi) (*confirmed*)

15:00 – 15:15 Coffee Break

15:15 – 16:30 **Part 2**

- **Ko, Hongseok MD** (National Medical Center) (*confirmed*)
- **N.N.** (Dresden City) (*tbc*)
- **Lee, Won Suk** (ETRI, Senior Research Staff) (*confirmed*)
"Healthcare standardization activity driven by IoT perspectives (mostly focused on OCF)"

13:30 – 15:00 **Parallel Session 4: Smart Metropolitan Planning**

Chair **Prof. Marc Wolfram** (Sungkyunkwan University) (*confirmed*)
N.N. (Korea) (*tbc*)

13:40 – 15:00 **Part 1: Smarter Planning**

- **Dr. Kang, Sang-Baek Chris** (Korea Local Inf Research & Dev. Inst.) - *Smart City/ICT* (*confirmed*)
- **Martin Sallmann** (Max Aicher) (*confirmed*)
- **Lee, Heung-No** (Director of GIST Research Institute) (*confirmed*)

15:00 – 15:15 Coffee Break

15:15 – 16:30 **Part 2: Nexus planning (water-energy-land)**

- **Prof. Thorsten Schütze** (Sungkyunkwan Univ.) - *urban water* (*confirmed*)
- **Dr. Hyun, Kyoung Hak** (Korea Land & Housing Corp.) - *urban land use / water* (*confirmed*)
- **Prof. Kim, Sei Yong** (Green School, Korea Univ.) - *urban energy* (*confirmed*)
- **Hr. Franke** (City of Dresden) (*confirmed*)

16:30 – 17:30 **Closing / Panel Discussion**

17:30 -18:00 Mou Ceremonies: ADeKo and GIST and Chunnam National University (*confirmed*)

October 18th 09:00-18:00

Scientific & Industrial Tours: KEPCO and Robot Research Initiative of Chunnam National University (*tbc*)