



Smart Cities and Infrastructure

Digital Production and
Products – Industry 4.0



Future Mobility

Business Opportunities
for German and Korean
Companies

Energy for our Future

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Education

University of Saarland, Saarbruecken, Germany Ph.D. in Materials 2007
Thesis: Silica / Polyaniline Composite Nanoparticle Produced in an Inverse
Microemulsion Solution for the Electrochemical Applications

Pohan Institute of Science and Technology, Pohang, Korea M.S. in Materials 1993
Thesis: Humidity Response Characteristics of La-doped Barium Titanate

Seoul National University, Seoul, Korea 1991
B.S. in Materials

Experiences

Principal Researcher, Korea Institute of Industrial Technology March 1993 – now
(KITECH), Korea

Ph. D. Student, Institute fuer Neue Materialien, Germany March 2003 – December 2005

Professor, University of Science and Technology (UST), Korea March 2012 – now

Director, International Cooperation Division, November 2012 – December 2013
KITECH, Korea

Director, Daegu Regional Division, KITECH, Korea June 2014 – December 2016