

# Exchange Program

**25<sup>th</sup> August 2016**

**Faculty Hall, College of Engineering, Chungbuk National University**

09:40-10:00 Opening Ceremony

Welcome Address

Prof. **Kyungho Youm** (Dean of College of Engineering, CBNU)

Prof. **Changsub Koh** (Dean of College of Electrical and Computer Engineering, CBNU)

Visiting Address

Prof. **Masato Shinji** (Dean of Faculty of Engineering, YU)

**Invited Presentations** (Chair: Prof. **SangSup Lee**, CBNU)

10:00-10:15 “Moisture Curling of Concrete Slab on Grade”

Prof. **Changjoon Lee** (Dept. of Architecture Engineering, CBNU)

10:15-10:30 “Application of Granulated Blast Furnace Slag as a Geotechnical Material”

Prof. **Hiroshi Matsuda** (Dept. of Civil and Environmental Engineering, YU)

10:30-10:45 “Mercury Emissions from Combustion Systems”

Prof. **Sangsup Lee** (Dept. of Environmental Engineering, CBNU)

10:45-11:00 “Combination of a Membrane Separation Process and Fermentation Technology for an Advanced Bio-Fuel Production”

Prof. **Izumi Kumakiri** (Dept. of Sustainable Environmental Engineering, YU)

11:00-11:10 Coffee Break

- 11:10-11:25 “Dual-phase Ceramic Membranes for Oxygen Separation”  
Prof. **Jonghoon Joo** (Dept. of Material Engineering, CBNU)
- 11:25-11:40 “Advances in Lithium-ion Battery Technologies”  
Prof. **Masayuki Morita** (Dept. of Applied Chemistry, YU)
- 11:40-11:55 “OFDM and TDM Based Sensing for Touch Screens”  
Prof. **Hyungwon Kim** (Dept. of Electrical Engineering, CBNU)
- 11:55-12:10 “Novel, Simple Harmonics Compensation Method of Smart Charger for Electric Vehicles in Single-phase Three-wire Distribution Feeders”  
Prof. **Toshihiko Tanaka** (Dept. of Electrical and Electronic Engineering, YU)