

# The 7<sup>th</sup> Hokkaido Univ. – Chungbuk National Univ. Joint Symposium on Advanced Engineering



July 5, 2018

Faculty of Engineering, Hokkaido University

Invited Speakers (9:00-12:45)

Seminar room 2, Frontier Research in Applied Sciences Building

**STEM-VEELS of Ag nano-particles in glass**

Prof. **Norihito Sakaguchi**

Center for Advanced Research of Energy and Materials, HU

**Alloyed atomic layer junctions on 2D metal-semiconductor contact**

Prof. **Byungjin Cho**

Department of Advanced Materials Engineering, CBNU

**Next-generation smart bridge pier foundation structure based on damage control design concept**

Prof. **Koichi Isobe**

Division of Field Engineering for Environment, HU

**Fines migration and clogging behaviors during gas production from hydrate-bearing sediments**

Prof. **Jongwon Jung**

School of Civil Engineering, CBNU

**Molecular dynamics simulation on temperature response of novel rod-type amphiphilic polymers**

Prof. **Shinichiro Sato**

Division of Applied Chemistry, HU

**Density functional theory (DFT) studies on environmental and energy applications**

Prof. **Dong-Hee Lim**

Department of Environmental Engineering, CBNU

**Novel electrode materials for electrochemical energy storage and conversion**

Prof. **Hiroki Habazaki**

Division of Applied Chemistry, HU

**Electrochemical characteristics and applications of nanocomposite materials for hybrid capacitor**

Prof. **Soo-Gil Park**

School of Industrial Engineering Chemistry, CBNU

(16:00-17:30) Open Hall, Faculty of Engineering

**Honorary Degree Conferment Ceremony & Memorial lecture**  
**Leadership Based on Mutual Communication and Co-existence in the Global Era: Dreaming of an Orchestra Maestro**

President **Yeo-pyo Yun**

Chungbuk National University



北海道大学大学院工学研究院  
Faculty of  
**ENGINEERING**  
Hokkaido University



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Open New Frontiers in Materials Science



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