



The Third Joint Symposium of Kyushu University and Yonsei University
(SKY-3)



February 2nd, 2017

Chikushi Hall, Chikushi Campus, Kyushu University, Kasuga, Fukuoka, Japan



Organized by
Interdisciplinary Graduate School of Engineering Sciences (IGSES)
Kyushu University, Japan



in association with
Kyushu University Platform of Inter/Transdisciplinary Energy Research (Q-PIT)
Collaborative Graduate School Program for Global Human Resources Development in Energy
and Environmental Science and Technology (CAMPUS Asia EEST)
Kyushu University Program for Leading Graduate Schools “Advanced Graduate Program in
Global Strategy for Green Asia”

Program

Thursday, February 2nd

08:50 - 09:20 **Registration** at Chikushi Hall, Chikushi campus

Opening (Chair: Prof. J. Tanimoto)

09:20 - 09:35 Opening Addresses

Prof. Akira Harata (Dean, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Japan)

Prof. Yong Gun Shul (Department of Chemical and Biomolecular Engineering, Yonsei University, Korea)

Invited Lectures (Chair: Prof. M. Ohtaki)

09:35 - 10:00 “Durable & High Performance PEM Catalyst Design”

Prof. Yong Gun Shul (Department of Chemical and Biomolecular Engineering, Yonsei University, Korea)

10:00 - 10:25 “Material Design of Single Crystalline Oxide Nanowires and Their Promises for Nano IoT Device Applications”

Prof. Takeshi Yanagida (Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Japan)

10:25 - 10:50 “Gas Separation Membranes Based on Amphiphilic Graft Copolymer”

Prof. Jonghak Kim (Department of Chemical and Biomolecular Engineering, Yonsei University, Korea)

10:50 - 11:00 *Coffee Break*

11:00 - 11:25 “High-performance Thermoelectricity in Synthetic Minerals Based on Copper and Sulfur”

Prof. Koichiro Suekuni (Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Japan)

11:25 - 11:50 “First Principles-based Design Concepts for Fuel Generation Materials”

Prof. Byungchan Han (Department of Chemical and Biomolecular Engineering, Yonsei University, Korea)

Closing

11:50 - 12:00 Closing Remarks and Group Photos

Point of Contacts:

Prof. Michitaka Ohtaki

Department of Applied Science for Electronics and Materials, Interdisciplinary Graduate School of Engineering Sciences

Research and Education Center for Advanced Energy Materials, Devices, and Systems

Kyushu University, Japan

Phone & Fax +81-(0)92-583-7947

E-mail: ohtaki@kyudai.jp