

# Chikushi Forum of Environmental and Energy Sciences

*The Memorial Symposium of Late Professor Yasutake Teraoka*

9:00 ~ 17:45

October 9 (Fri.), 2015

Main Conference Room, Administrative Offices Building 3F

Chikushi Campus  
Kyushu University

6-1 Kasuga-koen, Kasuga, Fukuoka, 816-8580, Japan



## Organized by

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

Research and Education Center of Carbon Resources,  
Kyushu University

Green Asia Education Center, Kyushu University

## Co-organized by

Interdisciplinary Graduate School of Engineering Sciences,  
Kyushu University

Research Center for Synchrotron Light Applications,  
Kyushu University

CAMPUS Asia EEST, Kyushu University

## Program

### Opening

Prof. Hideharu Nakashima (Kyushu University)

Prof. Kengo Shimano (Kyushu University)

Prof. Sudarto Notosiswoyo (Institut Teknologi Bandung, Indonesia)

Dr. Yasuharu Hirai (Kyushu Synchrotron Light Research Center)

### Lecture

“X-ray Absorption Fine Structure (XAFS) Study on Polymerization  
Mechanism of 3-hexylthiophene with Solid FeCl<sub>3</sub> Catalyst”

Prof. Atsushi Takahara and Dr. Tomoyasu Hirai (Kyushu University)

“Synergistically Catalytic Purification of Air Pollutants by Multiple  
Physical Fields”

Prof. Wenfeng Shangguan (Shanghai Jiao Tong University, China)

“Observation of Tube Vortex in the Swirl-stabilized Pulverized Coal  
Flames”

Prof. Gyung-Min Choi (Pusan National University, Korea)

“Applications of Fibrous Perovskite Catalysts for Energy Conversion”

Prof. Yong-Gun Shul (Yonsei University, Korea)

“Selective Catalytic Reduction of NO<sub>x</sub> with NH<sub>3</sub> over One-pot  
Synthesized Cu-SSZ-13 Catalyst”

Prof. Hong He (Research Center for Eco-Environmental Sciences,  
Chinese Academy of Sciences, China)

Session by Former Teraoka Laboratory Members

Prof. Hisahiro Einaga and Prof. Maiko Nishibori (Kyushu University)

“Nanoscale Structure Control of Electrode Materials for Energy  
Storage Devices”

Prof. Isamu Moriguchi (Nagasaki University)

“Nanostructured Titanates and Their Derivatives: New Electrodes for  
Energy Conversion and Storage”

Prof. Mingdeng Wei (Fuzhou University, China)

“Low-cost, Sustainable Materials for Energy and Environmental  
Applications”

Dr. Nitin K. Labhsetwar (National Environmental Engineering  
Research Institute, India)

“Development of Fuel Cells in Korea”

Dr. Doo-Hwan Jung (Korea Institute of Energy Research, Korea)

“Catalytic Treatments of Exhausts from Internal-combustion Engines”

Prof. Masakazu Iwamoto (Chuo University, Professor Emeritus,  
Tokyo Institute of Technology)

“Mixed Conducting Perovskite Oxide for Diesel Particulate Matter  
Oxidation”

Prof. Tatsumi Ishihara (Kyushu University)

### Closing

Prof. Akira Harata (Kyushu University)

Prof. Jun-ichiro Hayashi (Kyushu University)

## Symposium Secretariat Office

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Registration not  
required