

# International Workshop on “Recent Advances in Science and Technology for Exhaust Treatments of Mobile Sources”

(NCRS G-COE Symposium/Workshop Series 2008-VIII)

organized by

Global COE program of “Novel Carbon Resource Sciences: Coal-Based  
Eco-Innovations”

**13 February, 2009, C-Cube\_Room301,  
Chikushi Campus, Kyushu University**

## PROGRAM

- 10:00-10:05 **Opening Remarks: Prof. Hideo Nagashima** (Leader of the G-COE, Kyushu University, Japan)
- 10:05-10:10 **Brief Introduction of the Workshop: Prof. Yasutake Teraoka** (Kyushu University, Japan)
- 10:10-10:50 **Dr. Nitin Labhsetwar** (National Environmental Engineering Research Institute, India)  
“Non-noble metal based catalysts: Possibilities for their applications in exhaust treatments of mobile sources”
- 10:50-11:30 **Prof. Vito Specchia** (Politecnico di Torino, Italy)  
“Vehicle emissions control via catalytic reaction engineering: State-of-the-art at Politecnico of Turin”
- 11:30-12:00 **Prof. Koji Takasaki and Prof. Hiroshi Tajima** (Kyushu University, Japan)  
“Marine exhaust emission regulation and control”
- <<Lunch Break>>
- 13:20-14:00 **Dr. Hideaki Hamada** (National Institute of Advanced Industrial Science and Technology, Japan)  
“Development of Ir/silica-based catalysts for the selective reduction of NO with CO applied to diesel exhaust”
- 14:00-14:40 **Prof. Hong He** (Research Center for Eco-Environmental Sciences, CAS, China)  
“Selective catalytic reduction of NOx by ethanol over precipitable silver compound catalysts and the application of AgCl/Al<sub>2</sub>O<sub>3</sub> to diesel exhaust treatment”
- 14:40-15:00 <<Coffee Break>>
- 15:00-15:40 **Prof. Norio Miura** (Kyushu University, Japan)  
“Zirconia-based gas sensors aiming at monitoring of automotive exhaust”
- 15:40-16:20 **Mr. Hironobu Shimokawa and Prof. Yasutake Teraoka** (Kyushu University, Japan)  
“Catalyst development and catalysis of diesel particulate removal”
- 16:20-17:00 **Prof. Masato Machida** (Kumamoto University, Japan)  
“Catalytic applications of large-capacity oxygen storage materials”
- 17:00- Closing Remarks