

# The Third International Symposium on Novel Carbon Resource Sciences: Advanced Materials, Processes and Systems toward CO<sub>2</sub> Mitigation

November 2-3, 2009  
Kyushu University, Fukuoka, Japan

June 29, 2009

How to efficiently convert carbon resources to secondary energies, materials and/or chemicals? How to efficiently use them? The NCRS symposium provides a forum from these aspects to present and discuss on advanced processes for carbon resource conversion and utilization, devices, materials and energy/material management systems over a range from industries to living environment. The symposium also provides several keynote lectures and opportunities of knowledge exchange among young researchers and students from South and East Asia.

## TOPICS

### A. Advanced processes

- 1) Conversion and utilization of carbon resources such as coal, petroleum, biomass and industrial/municipal wastes,
- 2) thermal energy conversion, recuperation, transportation and storage,
- 3) carbon resource development,
- 4) material/chemicals processing,
- 5) others related to energy and/or carbon resources.

### B. Advanced materials

- 1) Carbon materials such as carbon nanotubes, carbon nanofibers and activated carbons,
- 2) materials for electrochemical energy storage system such as batteries, supercapacitors, and fuel cells,
- 3) catalyst for energy related processes,
- 4) organic materials for efficient energy utilization,
- 5) materials for thermal energy conversions,
- 6) others related to materials for energy utilizations.

### C. Human environment

- 1) Environmental science,
- 2) living environment,
- 3) others related to human and natural environments.

## PRESENTATION CATEGORIES

Oral and poster presentations are offered. Poster presentation is designed only for master's course students. Poster competition is planned.

## PARTICIPATION FEE

Free, but the symposium dinner on November 2, 2009, will be charged.

## IMPORTANT DATES

Abstract submission closed	July 31, 2009	<b>August 8, 2009</b>
Abstract notification to authors	August 21, 2009	
Full paper (1-8 pages) submission deadline	September 18, 2009	
Early registration deadline	October 1, 2009	

## ABSTRACT

An abstract should be written in English within 300 words including the objectives, results, and conclusion. The abstract should be submitted together with the following information: (1) paper title, (2) a list of authors and their affiliation(s), (3) name, title and e-mail address of corresponding author, (4) name and title of presenter, (5) selection of topic (e.g. A1)

## REGISTRATION

(1) Name and title, (2) Organization/Division, (3) Address, (4) E-mail, (5) Attendance at the symposium dinner or not

## VENUE

C-CUBE in Chikushi Campus of Kyushu University  
Address: 6-1 Kasuga-koen, Kasuga, Fukuoka, 816-8580, Japan  
<http://www.kyushu-u.ac.jp/english/university/location/location.php>  
[http://www.kyushu-u.ac.jp/access/map/chikushi/chikushi\\_e.pdf](http://www.kyushu-u.ac.jp/access/map/chikushi/chikushi_e.pdf)

## CONTACT ADDRESS

All documents should be submitted to Symposium secretariat: [ncrs-sympo@chem-eng.kyushu-u.ac.jp](mailto:ncrs-sympo@chem-eng.kyushu-u.ac.jp)

## ORGANIZATION

Kyushu University G-COE program "Novel Carbon Resource Sciences: Coal-Based Eco-Innovations"  
<http://ncrs.cm.kyushu-u.ac.jp/home.html>