

International Symposium on Materials for Chemistry and Engineering (IMCE 2016)

jointed with the **5th International Symposium of**
「Nano-Macro Materials, Devices, and System Research Alliance Project」

Organized by: Institute for Materials Chemistry and Engineering, and
Nano-Macro Materials, Devices, and System Research Alliance

Co-organized by: Research and Education Center of Carbon Resources
Green Asia Education Center
Research and Education Center for Advanced Energy Materials, Devices,
and Systems

DATE: Feb. 3rd (FRI), 2017

VENUE: Chikushi Hall (C-CUBE) 1st & 3rd Floors, Chikushi Campus, Kyushu University

Kyushu University

Institute for Materials Chemistry and Engineering



Atsushi Takahara

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December 6th, 2016

Welcome Remarks

Dear Colleagues,

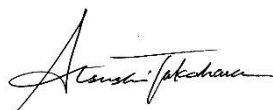
We are very pleased to announce that **International Symposium on Materials for Chemistry and Engineering (IMCE 2016) jointed with the 5th International Symposium of 「Nano-Macro Materials, Devices, and System Research Alliance Project」** will be held at Chikushi Hall (C-Cube, 1F), Kyushu University in Kasuga city of Fukuoka prefecture, Japan, on Feb. 3rd, 2017.

This symposium covers areas that are included to

- (1) Materials for energy, environmental, bio, and IT, etc.
- (2) Chemistry for the above items
- (3) Engineering for the above items
- (4) Economy and policy for the above items

We really appreciate your great passion and support, and welcome your attendance to the IMCE 2016.

Sincerely yours,

A handwritten signature in black ink, reading "Atsushi Takahara".

Atsushi Takahara,

Director of Institute for Materials Chemistry and Engineering, Kyushu University

PI, International Institute for Carbon-Neutral Energy Research (I²CNER), Kyushu University

President of the Society of Polymer Science, Japan.

Member, The Science Council of Japan

IMCE 2016 Organization

Organizer:

Professor Atsushi Takahara (Director of IMCE, Kyushu University, Japan),
director-imce@cm.kyushu-u.ac.jp

Professor Junichiro Hayashi (Vice Director of IMCE, Kyushu University, Japan),
junichiro-hayashi@cm.kyushu-u.ac.jp

Advisory board:

G1: Prof. Hirotugu Kikuchi (IMCE, Kyushu University)

G2: Prof. Shigeto Okada (IMCE, Kyushu University)

G3: Prof. Masaru Tanaka (IMCE, Kyushu University)

Office:

Professor Seong-Ho Yoon
yon@cm.kyushu-u.ac.jp

Symposium Details

Important deadlines

Submission of Presentation Application & Registration Forms:

December 17th, 2016

Submission of Two-page abstract (Oral) and One page abstract (Poster):

December 22nd, 2016

Submission of Poster PDF:

January 10th, 2017

E-mail to yoona@cm.kyushu-u.ac.jp

nakabayashi@cm.kyushu-u.ac.jp

*** All of forms and formats are attached at the end of this announcement.**

Symposium place:

C-Cube in Chikushi Campus of Kyushu University

1st floor: Oral Presentation, 3rd floor: Poster Presentation

6-1 Kasuga-Koen, Kasuga-si, Fukuoka, 816-8580, Japan

http://www.mm.kyushu-u.ac.jp/lab_04/campus_map_eng.pdf

ACCESS

By Car

- The campus can only be entered from the Kasuga Gate on the Kasuga Park side.
(The location of Kasuga Gate: Center left on the Campus map)

By JR

- Alight at Kagoshima Main Line Onojo Station (Rapid train station)
- Approximately 10 to 15 minutes from Hakata Station

By Nishitetsu (Private railway)

- Alight at Nishitetsu Tenjin-Omuta Line Shirakibaru Station, and walk for 15 minutes.
- Approximately 25 minutes from Tenjin.

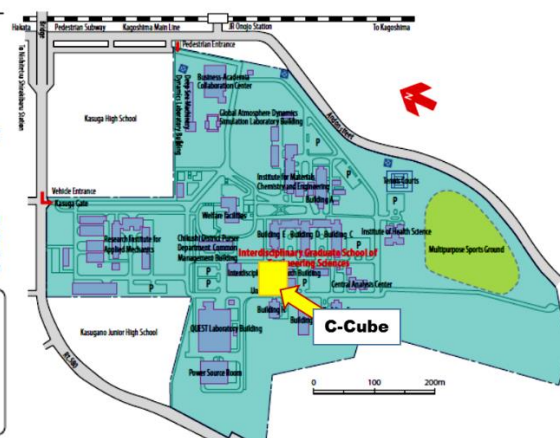
From Fukuoka Airport

- Approximately 30 minutes by taxi.
- Alight at Hakata subway station and connect on to JR Kagoshima Main Line.
- Alight at Tenjin subway station and connect on to Nishitetsu Tenjin-Omuta Line.

INTERDISCIPLINARY GRADUATE SCHOOL OF ENGINEERING SCIENCES KYUSHU UNIVERSITY

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Phone: 092-583-7502 Fax: 092-583-7060
Inquiry@tj.kyushu-u.ac.jp
<http://www.tj.kyushu-u.ac.jp/>

Applied Science for Electronics and Materials	092-583-7612	office@asem.kyushu-u.ac.jp
Molecular and Material Sciences	092-583-7547	jimu@mm.kyushu-u.ac.jp
Advanced Energy Engineering Science	092-583-7562	jim@aes.kyushu-u.ac.jp
Energy and Environmental Engineering	092-583-7581	deee@ence.kyushu-u.ac.jp
Earth System Science and Technology	092-583-7558	jimu@esst.kyushu-u.ac.jp



Registration:

Registration is required for all participants. Please send the filled registration form.

Invitation letter for visa application:

If you need an invitation letter for your visa application, please fill all the necessary items in the form and send it to Professor Seong-Ho Yoon by E-mail (yoon@cm.kyushu-u.ac.jp).

If you have any questions, please feel free to contact Professor Seong-Ho Yoon. Associate Professor Jin Miyawaki, and Assistant Professor Koji Nakabayashi.

E-mail: yoon@cm.kyushu-u.ac.jp

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Floor Map

C-Cube 1st and 3rd floors

February 3rd, 2017

1. 09:00-18:20: All Oral lectures will be presented in C-Cube conference room on 1st floor in Chikushi Campus.
2. 11:25-12:25: Poster session at C-Cube 3rd floor in Chikushi Campus.
3. 12:25-13:30: Lunch at C-Cube meeting room on 3rd floor in Chikushi Campus (tentative).
4. 19:00-21:00: Banquet at Hotel (Not determined).

Presentation Guide

Equipment

1. A projector with a laptop will be installed for projection of your Power Point file.
 - Speakers shall submit his/her Power Point file during the registration, not just before lecture.
 - Acceptable Power Point file version: Microsoft Office 2002/2003/2007/2010/2013/2016.
2. Laser pointer will be provided.

Oral lecture

1. Abbreviation of lectures

Oral lecture → OL

2. Presentation timescale

OL: 45 min including Q&A (alarm sounds at 35 and 40 min)

3. Chairperson will lead lectures.

*** Abstract of Oral Presentation is two page including author's profile. (Please refer attached Format 3.)**

Poster presentations

1. Abbreviation of poster presentation → PP
2. Poster size: A0 size (841 mm × 1189 mm)
3. Presenters shall attach his/her poster paper on the panel in Poster lobby on 3rd floor in C-Cube from 9:00 to 15:45 on Feb. 3rd.
4. Official poster session is from 11:25 to 12:25 on Feb. 3rd.
5. Poster panel with pins.

*** Abstract of Poster Presentation is one page. (Please refer attached Format 4.)**

*** 2 posters are planned to be awarded.**

Program

Oral Session

Time	Title	Presenter
09:00-09:10	Opening Address	Director Atsushi Takahara
G1 Session Chair: Prof. Hirotsugu Kikuchi		
09:10-09:55	OL01 G1 Lecture (Foreigner)	Professor Chia-Rong Lee (National Cheng Kung University, Taiwan)
09:55-10:40	OL02 G1 Keynote Lecture	Professor Kazuhiko Matsumoto (Osaka University, Japan)
10:40-11:25	OL 03 G1 Keynote Lecture	Professor Kaoru Tamada (Kyushu University, Japan)
Poster Session Chair: Prof. Jin Miyawaki		
11:25-12:25	Posters (to go to the next page)	
12:25-13:30	Lunch	
G2 Session Chair: Prof. Shigeto Okada		
13:30-14:15	OL04 G2 Lecture (Foreigner)	Professor Seung Mo Oh (Seoul National University, Korea)
14:15-15:00	OL05 G2 Lecture	Professor Takashi Kyotani (Tohoku University, Japan)
15:00-15:45	OL06 G2 Lecture	Professor Seonho Yoon (Kyushu University, Japan)
15:45-15:55	Coffee Break	
G3 Session Chair: Prof. Masaru Tanaka		
15:55-16:40	OL07 G3 Plenary Lecture (Foreigner)	Professor Jiashing Yu (National Taiwan University, Taiwan)
16:40-17:25	OL08 G3 Keynote Lecture	Professor Ijiro Kuniharu (Hokkaido University, Japan)
17:25-18:10	OL09 G3 Keynote Lecture	Professor Nobuhiro Nishiyama (Tokyo Institute of Technology, Japan)
18:10-18:20	Closing Remarks	Vice-director Junichiro Hayashi

* 19:00 – 21:00 Banquet at (not determined) (JR Ohnojo St. 18:36→JR Hakata St. 18:48)

Poster Session

Poster No.	Title of Poster	Presenter
P01		
P02		
P03		
P04		
P05		
P06		
P07		
P08		
P09		
P10		
P11		
P12		
P13		
P14		
P15		

Program of Poster session 13:00 – 14:00 , C-Cube 3F Lobby

[Format 1] Presentation Application Form

Please send the filled form to Prof. Seong-Ho Yoon by email (yoon@cm.kyushu-u.ac.jp) by **Dec. 17th, 2016**. Please feel free to contact Prof. Seong-Ho Yoon, if you have any questions.

Presentation Application Form

Presentation title:
Author(s):
Name and email address of corresponding author:
Affiliation:
Presentation style (Please delete either one of the two.): Oral / Poster

[Format 2] Registration Form

Please send the filled form to Prof. Seong-Ho Yoon by email (yoon@cm.kyushu-u.ac.jp) by **Dec. 17th, 2016**. Please feel free to contact Prof. Seong-Ho Yoon, if you have any questions.

Registration Form

Name:	Mr./Ms.	(First)	(Last)	(Middle initial)
Passport No. (if you are foreigner):				
Date of birth (month/day/year):				
Company or organization:				
Professional title or position:				
Email address:				
Work address:				
Mailing address (No. and street or box No.):				
City:			State:	
ZIP code:			Country:	
Phone No.:			Fax No.:	

[Format 3] Format of 2 page-abstract (including Professional Profile) for Oral Presentation

Please send your abstract to Prof. Seong-Ho Yoon by email (yoon@cm.kyushu-u.ac.jp) by **Dec. 22nd, 2016**. Please feel free to contact Prof. Seong-Ho Yoon, if you have any questions.

Your Paper's Title Starts Here: Please Center

use Helvetica (Arial) 14

Author Name (Please write full name; Last is surname, please underline the presenter.)

Full address of first author, including country

E-mail

Keywords: List the keywords covered in your paper. These keywords will also be used by the publisher to produce a keyword index.

For the rest of the paper, please use Times Roman (Times New Roman) 12

Summary. This document explains and demonstrates how to prepare your camera-ready manuscript. The best is to read these instructions and follow the outline of this text. The text area for your manuscript must be 17 cm wide and 25 cm high (6.7 and 9.8 inches, resp.). Do not place any text outside this area. Use good quality, white paper of approximately 21 x 29 cm or 8 x 11 inches (please do not change the document setting from A4 to letter). Your manuscript will be reduced by approximately 20% by the publisher. Please keep this in mind when designing your figures and tables etc. **The maximum number of pages is two.**

Organization of the Text

Section Headings. The section headings are in boldface capital and lowercase letters. Second level headings are typed as part of the succeeding paragraph (like the subsection heading of this paragraph).

Page Numbers. Do *not* print page numbers: Please number each sheet toward the middle near the bottom (outside the typing area) with a soft pencil.

Tables. Tables (refer with: Table 1, Table 2, ...) should be presented as part of the text, but in such a way as to avoid confusion with the text. A descriptive title should be placed above each table. The caption should be self-contained and placed *below or beside* the table. Units in tables should be given in square brackets [meV]. If square brackets are not available, use curly {meV} or standard brackets (meV).

Figures. Figures (refer with: Fig. 1, Fig. 2, ...) also should be presented as part of the text, leaving enough space so that the caption will not be confused with the text. The caption should be self-contained and placed *below or beside* the figure. Generally, only original drawings or photographic reproductions are acceptable. Only very good photocopies are acceptable. Utmost care must be taken to *insert the figures in correct alignment with the text*. Half-tone pictures should be in the form of

glossy prints. If possible, please include your figures as graphic images in the electronic version. For best quality the pictures should have a resolution of 300 dpi (dots per inch).

Equations. Equations (refer with: Eq. 1, Eq. 2, ...) should be indented 5 mm (0.2"). There should be one line of space above the equation and one line of space below it before the text continues. The equations have to be numbered sequentially, and the number put in parentheses at the right-hand edge of the text. Equations should be punctuated as if they were an ordinary part of the text. Punctuation appears after the equation but before the equation number, e.g.

$$c^2 = a^2 + b^2.$$

(1)

Literature References

References are cited in the text just by square brackets [1]. Two or more references at a time may be put in one set of brackets [3,4] and [3-5]. The references are to be numbered in the order in which they are cited in the text and are to be listed at the end of the contribution under a heading *References*, see our example below.

References

- [1] Dj.M. Maric, P.F. Meier and S.K. Estreicher: Mater. Sci. Forum Vol. 83-87 (1992), p. 119
 - [2] M.A. Green: *High Efficiency Silicon Solar Cells* (Trans Tech Publications, Switzerland 1987).
 - [3] Y. Mishin, in: *Diffusion Processes in Advanced Technological Materials*, edited by D. Gupta Noyes Publications/William Andrew Publishing, Norwich, NY (2004), in press.
 - [4] G. Henkelman, G.Johannesson and H. Jónsson, in: *Theoretical Methods in Condensed Phase Chemistry*, edited by S.D. Schwartz, volume 5 of *Progress in Theoretical Chemistry and Physics*, chapter, 10, Kluwer Academic Publishers (2000).
 - [5] R.J. Ong, J.T. Dawley and P.G. Clem: submitted to *Journal of Materials Research* (2003)
 - [6] P.G. Clem, M. Rodriguez, J.A. Voigt and C.S. Ashley, U.S. Patent 6,231,666. (2001)
-

Name of speaker:

Education:

19XX B. Sc., Kyushu University, Fukuoka, Japan
19XX Ms. Sc., Kyushu University, Fukuoka, Japan
19XX Dr. Sc., Kyushu University, Fukuoka, Japan

Professional career: (staff only)

19XX Postdoc, Kyushu University, Fukuoka, Japan
19XX Assist. Prof., Kyushu University, Fukuoka, Japan
19XX Prof., Kyushu University, Fukuoka, Japan

Awards/other information: (if any)

19XX XXX Award, XXX society, Fukuoka, Japan

Digital photo image of
speaker
5cm*4cm

[Format 4] Format of 1 page-abstract for Poster Presentation

Please send your abstract to Prof. Seong-Ho Yoon by email (yoon@cm.kyushu-u.ac.jp) by **Dec. 22nd, 2016**. Please feel free to contact Prof. Seong-Ho Yoon, if you have any questions.

**LECTURE TITLE FOR 2014 INTERNATIONAL SYMPOSIUM
CENTERED, ALL CAPITALS, 12-PT ARIAL (OR HELVETICA) BOLD**

Given_name FAMILY_NAME

Department of Chemical Engineering, Faculty of Engineering, Kyushu University, Fukuoka 819-0395, Japan
author_name@xxxxx.kyushu-u.ac.jp

This template has been prepared for authors of papers to be presented at the International Symposium of Integrated Research and Education Center for Energy Conversion, Storage, Saving, and Transport Technologies at Kyushu University, Fukuoka, Japan. Authors are requested to prepare their own manuscript using this template to achieve uniformity in the Abstract book.

Leave one blank line after the title. The Authors' name and the affiliation(s) including the corresponding e-mail address are in 10-pt Times New Roman and centered. Leave one blank line between the affiliation(s) and the main body.

The text should be written in 10-pt Times New Roman, single (12 pt) line spacing, left and right justified.

The paragraphs should not be indented.

Please send the **electronic copy of your abstract as a PDF file** to the e-mail address <yoon@cm.kyushu-u.ac.jp> by **December 22nd, 2016**. If you meet a difficulty for conversion into the PDF file format, the MS-Office format (DOC or DOCX file) is acceptable.

Also, please send the **PDF file of your poster** to the e-mail address <yoon@cm.kyushu-u.ac.jp> by **January 10th, 2017**. If you meet a difficulty for conversion into the PDF file format, the MS-Office format (PPT or PPTX file) of less than 10 MB of file size is acceptable.

References

If any, please include introductory references for non-specialists. The references should be brought together at the end of the main body of your abstract, and numbered in the order of their appearance in the text. Numerals for references are given in square brackets. In the reference list, journals [1], books [2], and edited multi-author books [3] should be cited in accordance with the examples shown below.

- [1] R.K. Singh, D.-G. Lee, *J. Electron. Mater.* **25** (1996) 137.
- [2] D. Palik, Handbook of Optical Constants of Solids II, Academic Press, New York, 1991.
- [3] G. Turrel, P. Dhamelin-court, in: J.J. Laserna (Ed.), Modern Techniques in Raman Spectroscopy, Wiley, Chichester, 1996, p.109.