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99年 7月 12日
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變文 2850 號

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便簽 國際事務處

99年 7月 09日

- 一、本校受邀參加今年 8 月 29 日至 9 月 3 日在日本由筑波大學所舉辦第四屆 AEARU Advanced Materials Science Workshop，由於這次研討會以奈米結構材料及相關奈米科技等為討論主題，故轉請 貴院卓處。
- 二、此研討會需全程自費，主辦單位不提供補助。報名費至現場以現金繳交。
- 三、相關資料及報名表如附件，另附上活動海報乙份，欲報名者請在截止日期前自行與主辦單位聯繫報名。

此致 生農學院 (影印分會)
 工學院
 理學院
 生命科學院

- 擬：
 1. 影送各系所
 2. 請有興趣之教師自行報名參加
 3. 文陳閱後存查

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王 昭行 同 謹

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會辦單位：生農學院、工學院、理學院、生命科學院

第 層 決 行

承辦單位
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 聯絡電話：3366-2007 * 227

組長 國際事務處 林淑靜 1609
 國際合作組組長 1646

國際事務長

會辦單位
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批 示



**4th AEARU Advanced Materials Science Workshop on
Artificial and Self-Organized Nanostructure Sciences and Nano-Technologies
for the Sustainable World**

(August 29th – September 3rd, 2010)

Organized and Sponsored by University of Tsukuba, International conference hall

1. Introduction

The fourth Advanced Materials Science Workshop will be organized and hosted by University of Tsukuba in collaboration with NIMS (National Institute for Materials Sciences) and KEK (High Energy Accelerator Research organization) both located in Tsukuba science city from 30th August to 4th September. The more detailed information is found in the Web. site (<http://kadowaki.ims.tsukuba.ac.jp/conference/AEARU.pdf>). This workshop is a continuation of the previous ones: 3rd POSTECH, Korea (2009), 2nd Nanjing University, China (2007), 1st Tohoku University Japan (2002).

2. Topics

The topic to be covered in this workshop is focused on the current hot subjects, which are led by the new developments of artificial and self-organized nano-structured materials and the related nano-technologies. They are also closely related with bio- and life-sciences and technologies, green chemistry, environmental science and the related technology. The followings are examples; the advanced materials such as graphene, graphite, various nano-tubes, nanowires and other carbon related materials, functional micro- to macro-molecules and the related substances, meta-materials and engineering, nanostructures for photonic crystals, high temperature (room temperature) superconductors, materials related with spin Hall effect in spintronics, topological insulators in two dimensional semiconductors, and various kinds of manipulation technologies in materials science, optical, infrared and THz spectroscopy, etc.

3. Venue

University of Tsukuba, International Conference Room, NIMS (National Institute for Materials Science), KEK (High Energy Accelerator Research organization)

4. Important Dates

July 31, 2010:	Dead line of abstract submission and registration
August 15, 2010:	Notification of the program
August 29, 2010:	Reception and Welcome dinner

5. Invited Lecturers (confirmed person only)

- Masakazu Aono (NIMS, MANA)
- Wai K. Kwok (Argonne National Laboratory)
- Young Kuk (Seoul National University, Korea)

- Shinji Kuroda (University of Tsukuba)
- Hu-Jong Lee (Pohang University of Science and Technology, Korea)
- Y. Ootuka (University of Tsukuba, Japan)
- Minghwei Hong (National Tsing Hua University (NTHU), Taiwan)
- Han-Woong Yeom (Pohang University of Science and Technology, Korea)
- Xi Chen (Tsinghua University, China)

6. Schedule

The workshop is composed of two parts: one is mainly devoted to the Plenary and Key note lectures by the leading experts of the particular fields for the first two days, while for the latter three days discussions and seminars (Round Table Presentation Meeting) by active young researchers involving senior scientists are planned to be held in three different institutions: University of Tsukuba, NIMS and KEK, where they will also provide introductory courses for their activities in order to promote intimate collaborative work in future. The tentative schedule is as follows.

Date	Morning	Afternoon
August 29 th	Arrival and Registration	
August 30 th	Plenary lectures	
August 31 st	Keynote lectures	banquet
September 1 st	Round Table Presentation Meeting for Young Researchers	Site visit at University of Tsukuba
September 2 nd		Site visit at NIMS
September 3 rd		Site visit at KEK

7. Registration Fee

¥10,000 per person (¥5,000 for students) at the registration desk

8. Remarks

Candidates of the Plenary and Keynote lecturers and active young scientists for the discussion seminars are sought for from the partner universities. Nomination and recommendation from departments, institutions, and even individual person are welcome.

9. Contact persons

Chairman	Professor Kazuo Kadowaki,	Professor Hidemi Shigekawa
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4th AEARU Advanced Materials Science Workshop
on Artificial and Self-Organized Nanostructure Sciences and Nano-Technologies for the Sustainable World (August 29th-September 3rd. 2010, University of Tsukuba)

Registration Form

Please fill out your information below and send it to kadowaki@ims.tsukuba.ac.jp.

Pre-registration deadline: July 31st (Sat) 2010

1	Name		
	Last:	First:	Position:
2	Institution		
3	Dept/School		
4	Field of Research		
5	Please check one of the following options		
	<input type="checkbox"/> Speaker		<input type="checkbox"/> Attendee
6	Title of Paper		
7	Hotel reservation (Please check one of the following options)		
	<input type="checkbox"/> I will ask organizers to book my hotel room according to the flight schedule below.		<input type="checkbox"/> I will book my hotel room by myself
8	If you have a special dietary requirement, please specify (eg. vegetarian)		
9	Flight information (Date & Time)		
	Arrival :		Flight No.
	Departure		Flight No.
10	Contact Information		
	E-mail		Tel.
11	Your Remarks and Opinions		

※Please note: only on-site payment by cash is accepted for registration.