



AEARU Advanced Materials Science Workshop 2017

参加者募集

- 1. 概要** AEARU加盟大学を含むアジアのトップ大学から招聘された研究者による、材料科学の最先端分野でのワークショップです。ナノコンポジット、超軽量・高強度材料、バイオマテリアル、3Dプリンティング・プロセス、マテリアルズ・インフォマティクス等、先導的な研究トピックスについての発表を聴講できます。2日目には、工場見学、市内観光が予定されています。詳しくは次ページ以降をご覧ください。

※AEARUとは・・・The Association of East Asian Research Universities(東アジア研究型大学協会)の略称です。1996年に、東アジアの大学間のパートナーシップ強化の為に設立されたコンソーシアムで、現在、中国、台湾、韓国、日本から合計18大学がこのコンソーシアムに参加しています。

- 2. 開催時期** 2017年11月1日(水)～2日(木)
- 3. 開催地** 大阪大学 コンベンションセンター (大阪府吹田市)
- 4. 応募資格** 本学所属の学部生、大学院生
- 5. 推薦人数** 2名
- 6. 参加費** 参加費、宿泊費(3泊)、滞在中の食費は無料。交通費は自己負担。
- 7. 提出書類** ※書類不備の場合は受け付けないので、注意すること。
- ①AEARUプログラム願書(様式1)*
- ②Registration Form(様式2)*
- ③成績証明書(学部、大学院)
- ※大学院生は学部(博士課程であれば、学部と修士課程)の成績証明書も提出すること。
- ④英語能力証明の写し(TOEIC、TOEFL等のスコアシート)
- *①・②の様式は下記ウェブサイトからダウンロードできます。
- <http://s-www.jim.titech.ac.jp/globalization/featured/aearu.html>
- 8. 提出期限** **2017年7月20日(木) 17時 厳守**
- ※応募にあたっては、アカデミックアドバイザー、学科助言教員、指導教員による承認(願書への押印)が必要なので、余裕を持って準備をすること。
- 9. 学内選考** 応募者数によっては面接を行うが、日時については、後日連絡予定。
- 10. 問い合わせ・提出先** 国際部国際連携課(南6号館3階)
- e-mail: kokuren.aearu@jim.titech.ac.jp 電話: 03-5734-3016
- ※メールの件名を「AEARU Materials WS」とすること。

Announcement & Call for Presentations AEARU Advanced Materials Science Workshop “State of the art research in Materials Science”

Introduction

The workshop will provide a platform for top-tier Asian universities including AEARU members to discuss the recent progress of materials science, and then result in strengthening an international collaboration by constructing the researchers' network and promoting international joint researches. We particularly would like to focus on the state of the art research topics in advanced smart materials & processing such as nanocomposites, ultralight & high-strength metals, biomaterials, 3D printing process and materials informatics by keynote speeches from distinguished researchers. In addition, through the workshop, there will be having a company tour for understanding the manufacturing and a city tour for cultural learning experiences in Osaka.

Topics

The fundamental and novel research topics regarding materials science- functional materials, structural materials, biomaterials and materials informatics, will be introduced and the discussions will be gone in each talk on state of the art research in materials science and engineering.

Venue

Convention Center, Osaka University

Registration

Those who would like to participate in the workshop are required to submit the completed form by email to kokusai-koryu-suisin@office.osaka-u.ac.jp no later than Sunday, August 20.

Financial Support

Osaka University will provide accommodations for three nights, as well as meals and local transportation between the hotel and Osaka University during the workshop, for up to 2 students from each of the AEARU member universities.

Program

November 1

Lectures by invited Professors from overseas and Japanese AEARU Member universities.

November 2

Company tour (Daikin Industries, Ltd.) and a city tour

Invited professors**【Functional Materials】**

Prof. Koki Takanashi, Institute for Materials Research, Tohoku University, Japan

Prof. Yasufumi Fujiwara, Graduate School of Engineering, Osaka University, Japan

【Structural Materials】

Prof. Hideki Hosoda, Interdisciplinary Graduate School of Science & Engineering, Tokyo Institute of Technology, Japan

Prof. Hideyuki Yasuda, Graduate School of Engineering, Kyoto University, Japan

【Biomaterials】

Prof. Emeritus, Mitsuo Niinomi, Tohoku University, Japan

Prof. Takayoshi Nakano, Graduate School of Engineering, Osaka University, Japan

【Materials Informatics】

Prof. Teruyasu Mizoguchi, Institute of Industrial Science, University of Tokyo, Japan

Prof. Masato Yoshiya, Graduate School of Engineering, Osaka University, Japan

*We are expecting to have more professors to invite for each area. Names and institutions is to be determined.

Organizing Committee

Professor Katsuyoshi Kondoh, Department of Composite Materials Processing, Joining and Welding Research Institute (JWRI), Osaka University

Professor Shinji Fujimoto, Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University

Contact / inquiries

Email: kokusai-koryu-suisin@office.osaka-u.ac.jp

Sachiko MIZOTA / Misato YASHIMA

International Affairs Division, International Affairs Department,
Osaka University

**AEARU Advanced Materials Science Workshop 2017 in Osaka University
(tentative version)**

Date	Time	Program	meals	Venue
31-Oct		Arrival Hotel Check-in		Hotel Crest Ibaraki
1-Nov	8:30	Bus departure from the hotel to Osaka University Suita campus	○	Hotel Crest Ibaraki
	9:00-9:30	Registration		Convention Center, Osaka University
	9:30-11:00	Opening Remarks / Keynote Address Session1 "Functional Materials" <ul style="list-style-type: none"> • Prof. Koki Takanashi, <i>Institute for Materials Research, Tohoku University</i> • Prof. Yasufumi Fujiwara, <i>Graduate School of Engineering, Osaka University</i> • tbc: 		
	11:00-11:15	Break		
	11:15-13:00	Session2 "Structural Materials" <ul style="list-style-type: none"> • Prof. Hideki Hosoda, <i>Institute of Innovative Research, Laboratory for Materials and Structure</i> • Prof. Hideyuki Yasuda, <i>Graduate School of Engineering, Kyoto University</i> • tbc 		
	13:00-14:00	Lunch	○	
	14:00-15:30	Session3 "Medical Materials" <ul style="list-style-type: none"> • Prof. Emeritus, Mitsuo Niinomi, <i>Tohoku University</i> • Prof. Takayoshi Nakano, <i>Graduate School of Engineering, Osaka University</i> • tbc: 		Convention Center, Osaka University
	15:30-15:45	Break		
	15:45-17:15	Session4 "Materials Informatics" <ul style="list-style-type: none"> • Prof. Teruyasu Mizoguchi, <i>Institute of Industrial Science, University of Tokyo</i> • Prof. Masato Yoshiya, <i>Graduate School of Engineering, Osaka University</i> • tbc: 		
	18:00-20:00	Reception	○	
	20:10	Bus departure to the hotel		Hotel Crest Ibaraki
2-Nov	9:00	Bus departure from the hotel	○	Hotel Crest Ibaraki
	10:00-12:00	Company tour "Daikin"		
		Lunch	○	
	14:00-16:00	City tour		
	18:00-19:00	Dinner: Japanese local food	○	
	19:00	Bus departure to the hotel		Hotel Crest Ibaraki
3-Nov		Departure	○	Hotel Crest Ibaraki