



東亞研究型大學協會  
東アジア研究型大学協会  
동아시아연구중심대학협의회  
The Association of East Asian Research Universities



東京工業大学  
Tokyo Institute of Technology

## Announcement & Call for Presentations

### The 6<sup>th</sup> Energy and Environmental Workshop: Next generation solar cells as a solution to energy challenges

#### Introduction

Recent environmental changes surrounding the issue of energy supply — the shale oil revolution, nuclear power safety concerns, the landslide in the cost of solar cells, the dangerous increase in CO<sub>2</sub> emissions, and severe natural disasters due to global warming, among others — are causing countries that rely on imported energy to rethink their energy portfolios and to view them as a crucial aspect of national strategies to support stable prosperity. As Asia is expected to lead the world in the 21<sup>st</sup> century, it is important for Asian countries like ours to support the future of society by addressing energy issues and offering measures for continuous development that are in harmony with the environment. AEARU, the consortium of leading research universities in Asia, is obligated to offer innovative new solutions to energy and environmental issues in order to contribute to sustainable development, and this workshop offers a valuable opportunity for such a discussion.

#### Topics

With consideration of recent developments and issues regarding energy-related technologies, the workshop is intended to promote discussion of the impact of such technologies on sustainable social development and the natural environment. We will discuss **solar cell-related technology**, and particularly, **next generation solar cells**, which allow the utilization of sunlight to create energy for a sustainable world.

#### Venue

Multi-Purpose Digital Hall, Tokyo Institute of Technology

#### Registration and submission of abstract

Those who would like to participate in the workshop are required to submit the completed form by email to [aearu.workshop@jim.titech.ac.jp](mailto:aearu.workshop@jim.titech.ac.jp) no later than Monday, ~~May 16~~ **May 30**. –The registration deadline has been extended. –

#### Preparation and submission of proceedings manuscripts

The template for proceedings would be sent upon notification of presenters. Proceedings manuscripts must be submitted by July 11.



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### Important Dates

<del>May 16, 2016</del> <b>May 30</b>	Submission deadline for registration form and abstracts
June 3, 2016	Notification of acceptance
July 11, 2016	Submission deadline for proceedings manuscripts
August 26-27, 2016	6 <sup>th</sup> AEARU Energy and Environmental Workshop

### Financial Support

Tokyo Tech will provide accommodations for two nights, as well as meals and local transportation between Tokyo Tech and the hotel during the workshop, for up to 10 professors and 14 students from AEARU member universities.

### Poster Award

The organizing committee will recognize the best poster presentation with the Poster Award.

### Program

August 26: (at Ookayama Campus)

Talks by invited speakers and Professors from AEARU Member universities

August 27: (at Suzukakedai Campus)

Poster Session and Lab Tour

### Organizing Committee

Professor Yuji Wada

Professor Ryoji Kanno

Professor Ikuyoshi Tomita

Assistant Professor Shuntaro Tsubaki

(Department of Chemical Science and Engineering, School of Materials and Chemical Technology, Tokyo Institute of Technology)

### Contacts

Email: [aearu.workshop@jim.titech.ac.jp](mailto:aearu.workshop@jim.titech.ac.jp)

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## Program for the 6<sup>th</sup> AEARU Energy and Environmental Workshop

August 26-27, 2016  
Tokyo Institute of Technology  
(Tentative Program)

Date	Time	Program	Venue
August 25 Thursday		Arrival Hotel Check-in	
		Welcome Dinner	TBD
August 26 Friday	08:30	Bus departure from the hotel to Ookayama Campus	
	09:00-09:20	Registration	
	09:20-09:30	Opening Remarks Dr. Yoshinao Mishima, President, Tokyo Tech	Multi-purpose Digital Hall
	09:30-10:30 (1 hour)	Keynote Address Dr. Joey Luther, National Renewable Energy Laboratory, USA	
	10:30-10:45	Break	Foyer
	10:45-12:15 (1h30min)	Session 1 Assist. Prof. Nripan Mathews, Nanyang Technological University 30min × 2 (AEARU Member Universities)	Multi-purpose Digital Hall
	12:15-13:15	Lunch	Collaboration Room
	13:15-15:15 (2h)	Session 2 30min × 4 (AEARU Member Universities)	Multi-purpose Digital Hall
	15:15-15:30	Break	Foyer
	15:30-17:30 (2h)	Session 3 30min × 4 (AEARU Member Universities)	Multi-purpose Digital Hall
	17:45-19:45	Reception	Royal Blue Hall
	19:50	Bus departure to the hotel	
August 27 Saturday	9:00	Bus departure from the hotel to Suzukakedai Campus	
	10:00-10:50	Poster session	Lounge
	11:00-12:00	Lab tour	
	12:00-12:15	Poster Award Ceremony and Closing Remarks Prof. Yuji Wada	Lounge
	12:15-13:30	Lunch	TBD
	13:40	Bus departure to the hotel	