

VENUE

The site for the symposium is Integrated Building of Nagoya University. Located in the geometrically central district of Japan, Nagoya City is world-famous for various industries of advanced ceramics, aerospace, automobiles etc., and also known for its historical sites such as “Three Great Shoguns” and beautiful castles. The symposium attendants can fully enjoy historical sites, museums and downtown before and/or after the ICMaSS2017.

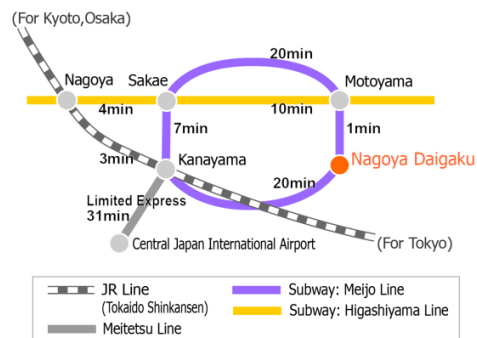
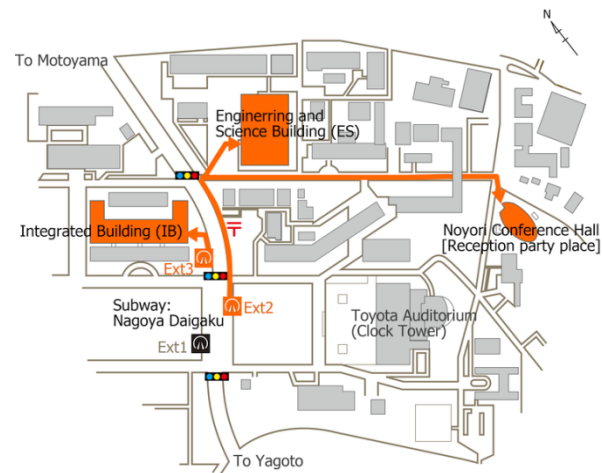
The information will be available at the conference desk. The climate in the Nagoya area in September is characterized by average temperatures ranging from +20 °C (68 °F) to + 28 °C (82 °F) with some possibility of rain.

Nagoya University can be easily accessed from the Central Japan International Airport “*Centrair*” by train (Meitetsu Line, Central Japan International Airport - Kanayama, about 25 min) and subway (Meijo Line, Kanayama - Nagoya Daigaku, about 20 min). Integrated Building of Nagoya University is just beside the subway exit No. 3 (within 1 min by walk). For the campus map, refer to

<http://en.nagoya-u.ac.jp/map/index.html>



<Nagoya Castle>



CONTACT

Secretary-General
Prof. Tomomi UCHIYAMA
Institute of Materials and Systems for Sustainability,
Nagoya University
Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan

ICMaSS2017 Office
c/o Inter Group Corp.
Phone: 81-52-581-3241, FAX: 81-52-581-5585
E-mail: icmass2017@intergroup.co.jp



<Venue for ICMaSS2017: Integrated Building>

Call for Papers



in conjunction with

**New Possibilities for Ultra-High Voltage Electron Microscopy
— In Commemoration of the 45th Anniversary of the HVEM
Laboratory at Nagoya University —**

**2nd International Symposium on Creation of Life Innovation
Materials for Interdisciplinary
and International Researcher Development
(iLIM-2)**

and

**International Symposium of Growth, Characterization,
and Simulation of Nitride Semiconductors**

**September 29 - October 1, 2017
Nagoya University, Nagoya, Japan**

Organized by
Organizing committee of ICMaSS2017,
Nagoya University

IMaSS 未来材料・システム研究所
Institute of Materials and Systems for Sustainability

<http://www.icmass.imass.nagoya-u.ac.jp/>

INTRODUCTION

In order to realize the development of a sustainable and prosperous society, it is essential to create an enriched, environment-compatible society amidst global-scale environmental and resource-related restrictions. The Great East Japan Earthquake in 2011 increased, in particular, the importance of energy, which supports the maintenance of our high quality of life. The blue light-emitting diode, the invention for which Prof. Akasaki and Prof. Amano of Nagoya University received Nobel Prize, is a device used in energy-saving light technology. This example shows us the importance of developing materials to support the creation of a sustainable and prosperous society.

The Institute of Materials and Systems for Sustainability, IMaSS, was launched as a research institute at Nagoya University in October 2015. The institute has been designated as a Joint Usage/Research Center by the Ministry of Education, Culture, Sports, Science and Technology (MEXT). Through joint usage and research related to energy management technologies, it serves as a venue for everything from fundamental research through to system-building for actual deployment in society. It is the largest research institute in Nagoya University, comprising the Center for Integrated Research of Future Electronics, the Advanced Measurement Technology Center, the Division of Materials Research, the Division of Systems Research, Funded Research Divisions, and the Industry-Academia Collaborative Chair. To contribute the realization of a sustainable society, the institute is conducting studies on innovative energy-saving technologies, advanced measurement technologies, material and device developments, and system technologies for realizing study results in society.

IMaSS will organize the International Conference on Materials and Systems for Sustainability 2017 (ICMaSS2017) for three days from September 29 to October 1, 2017. The conference will be held at Nagoya University. This conference has formerly been held as the International Symposium on EcoTopia Sciences every two years since 2005, at which materials, energy, the environment and social systems have been topics for the development of a sustainable society. We would like to further strengthen our focus on material science at the new conference, ICMaSS, pursuing the same research directions as before. We would like to invite all of you to share and exchange the newest progress of the research area. In particular, the active participation of young researchers is essential for a long-term solution to create a society in harmony with our global environment. We therefore hope that this conference will contribute to the development of human resources among the younger generation.

We appreciate your kind and generous support as well as your encouragement.

ICMaSS2017 Executive Committee Chair
Professor Arata KATAYAMA
Institute of Materials and Systems for Sustainability, Nagoya University

SESSIONS (tentative)

1. Nano-Carbon and related materials and thin films
2. Nano-characterization of materials using electron microscopy
3. Nuclear emulsion workshop for fundamental physics and applications
4. X-ray optics and materials science applications with synchrotron light
5. Energy Conversion and Network Systems for Smart Society
6. Low-carbon energy and eco-cycle system analysis and assessment

Joint Symposia

- * New Possibilities for Ultra-High Voltage Electron Microscopy
— In Commemoration of the 45th Anniversary of the HVEM Laboratory at Nagoya University —
- * 2nd International Symposium on Creation of Life Innovation Materials for Interdisciplinary and International Researcher Development (iLIM-2)
- * International Symposium of Growth, Characterization, and Simulation of Nitride Semiconductors

CALL FOR PAPERS

Research fields ranging from materials to system technologies will be of interest in the conference. Scientists and engineers from any discipline, who are engaged in research, development and technology areas related to such research fields, are invited to contribute papers. All submitted papers will be presented for the publication and presentation in oral or poster sessions. Younger scientists and students are particularly welcome to ICMaSS2017. Best presentation prizes will be awarded to outstanding authors of poster sessions.

Those who intend to contribute papers are requested to submit an abstract of not more than 200 words through the web. After acceptance of the abstract, the authors should submit the extended abstract. The length of the extended abstract should fit on one A4 page including all references, tables and figures.

The web site ICMaSS2017 is located below:

<http://www.icmass.imass.nagoya-u.ac.jp/>

Please refer to the IMPORTANT DATES for the symposium schedule. The details of the symposium will be available at the symposium web site. The e-mail address of the symposium office:

icmass2017@intergroup.co.jp

IMPORTANT DATES

Deadline of Abstract Submission	April 15, 2017
Acceptance Notification	May 15, 2017
Deadline of Extended Abstract Submission	June 15, 2017
Deadline of Early Registration	July 15, 2017
Announcement of Final Program	August 15, 2017

※All the contributors are required to register by July 15, 2017.

REGISTRATION FEE

	Delegates	Students
Early (On or before July 15)	35,000JPY	5,000JPY
On-site	40,000JPY	10,000JPY

BANQUET FEE

Delegates	Students
10,000JPY	5,000JPY

ORGANIZATION

ORGANIZING COMMITTEE

Institute of Materials and Systems for Sustainability, Nagoya University

Chair: Prof. Masazumi OKIDO

Vice-Chairs: Prof. Satoshi IWATA

Prof. Shigeaki ZAIMA

EXECUTIVE COMMITTEE

Institute of Materials and Systems for Sustainability, Nagoya University

Chair: Prof. Arata KATAYAMA

Secretary General: Prof. Tomomi UCHIYAMA

Program Chair: Prof. Nobuyuki IKARASHI