

## 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 attendees can fully enjoy historical sites, museums and downtown before and/or after the ISETS '13. The information will be available at the conference desk. The climate in the Nagoya area in December is characterized by average temperatures ranging from +5 °C (41 °F) to +13 °C (55 °F) with some possibility of rain.



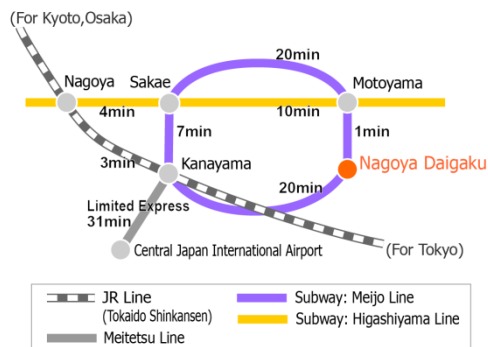
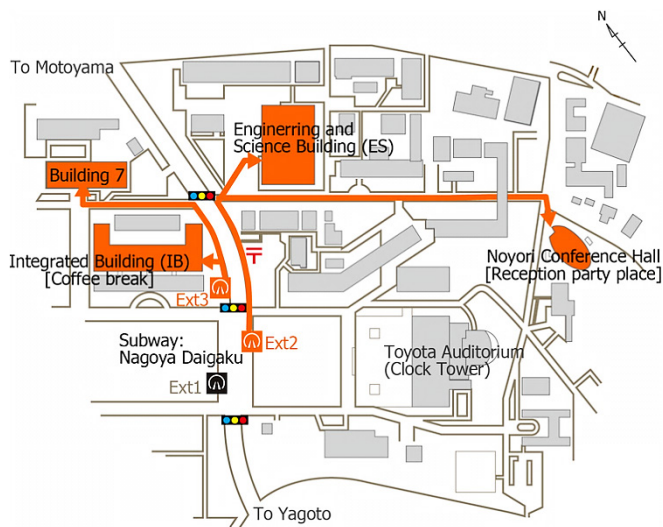
<Nagoya Castle>

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://www.nagoya-u.ac.jp/en/global-info/access-map/higashiyama/>



<ISETS '13 Integrated Building>



## CONTACT

Secretary-General  
Prof. Naoki HAYAKAWA  
EcoTopia Science Institute, Nagoya University  
Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan

ISETS '13 Symposium Office  
c/o INTER GROUP CORP.  
Phone: 81-52-581-3241, FAX: 81-52-581-5585  
E-mail: [isets2013@intergroup.co.jp](mailto:isets2013@intergroup.co.jp)

## Call for Papers

*Innovation for Smart Sustainable Society*



and

**AMD1-4**

The 4<sup>th</sup> International Symposium on  
Advanced Materials Development and  
Integration of Novel Structured Metallic and  
Inorganic Materials

**December 13-15, 2013**

Nagoya University, Nagoya, Japan

**Organized by**  
Nagoya University

Organizing committee of ISETS '13



助成 独立行政法人日本万国博覧会記念機構  
Supported by the Commemorative Organization for the Japan World Exposition('70).  
この助成金は、日本万国博覧会の収益を基にしています。

<http://www.esi.nagoya-u.ac.jp/h/isets13>

## INTRODUCTION

In order to realize the development of a sustainable and prosperous society, it is essential to create a society that is in harmony with our global environment. This type of ideal society, or EcoTopia, is what we must strive to achieve in the 21st century. In creating such a society, interdisciplinary research that integrates the natural sciences with the humanities and the social sciences is of ever-increasing importance, beginning with the cyclical use and regeneration of goods, energy, and information, and consideration of their balance with humankind.

The EcoTopia Science Institute was launched in April 2004 as a research center at Nagoya University to realize these ideals. It was approved as an official institute and became part of the university in April 2006. This institute is the largest research institute at Nagoya University and comprises the Division of Integrated Research Projects and four Core Research Divisions: Nano-Materials Science, Energy Science, Environmental Research, and Information and Communication Sciences. This institute is expected to play a principal role in promoting the interdisciplinary and integrated research needed to address various issues associated with developing a sustainable society.

The EcoTopia Science Institute at Nagoya University will organize the International Symposium on EcoTopia Science 2013 (ISETS '13) for three days from December 13 to 15. The symposium will be held at Nagoya University. This symposium is the fifth of its kind, with the first being held in 2005. As a forum of discussion and information exchange, we aim to weave together the most recent interdisciplinary developments in sciences, with the natural sciences, the humanities and the social sciences as the weft, and nano-materials, energy, environment, information and communication as the warp. The three days of ISETS '13 will include several invited lectures from world-renowned scientists and engineers. Organized sessions will include contributed papers, as well as general and poster sessions. Furthermore, as we experienced the disastrous Great East Japan Earthquake on March 11, 2011, we must solve many problems such as radioactive contamination and unstable energy supply and demand in the near future. Additionally, this symposium should seek to contribute to developing human resources among the younger generation.

We appreciate you for your kind support and encouragement very much.

ISETS '13 Executive Committee Chair  
Professor Ichiro Naruse  
EcoTopia Science Institute, Nagoya University

## SESSIONS (tentative)

1. Innovative Biomaterials and Biomedical Materials
2. Frontier of Nanotechnology for Energy Saving and Environment
3. Green Technology for Energy Generation, Conversion and Storage
4. Intelligent Network for Energy Transmission and Distribution
5. Green Production, Recycling, Emission Management and Bioremediation
6. Recovery from Great East Japan Earthquake and Radioactive Substances
7. Green Vehicle Technology
8. Innovative Measurement Methodology
9. Policy, Economics and Assessment for Green Environment and Biodiversity
10. Advanced Materials Development and Integration of Novel Structured Metallic and Inorganic Materials (AMDI-4)

## CALL FOR PAPERS

All aspects of EcoTopia Science from basic researches to applications will be of interest in the conference. Scientists and engineers from any discipline, who are engaged in research, development and technology areas related to EcoTopia science, 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 ISETS '13. Best poster prizes will be awarded to outstanding authors of oral and 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 full paper. The length of the full paper should fit on one A4 page including all references, tables and figures.

The web site ISETS '13 is located below:

<http://www.esi.nagoya-u.ac.jp/h/isets13>

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:

[isets2013@intergroup.co.jp](mailto:isets2013@intergroup.co.jp)

## IMPORTANT DATES

Deadline of Abstract Submission	June 30, 2013
Acceptance Notification	July 15, 2013
Deadline of Full-Length Paper Submission	August 31, 2013
Deadline of Early Registration	September 30, 2013
Announcement of Final Program	November 1, 2013

※All the contributors are required to register by Sep. 30.

## REGISTRATION FEE

	Delegates	Students
Early (On or before Sep. 30)	35,000JPY	5,000JPY
On-site	40,000JPY	10,000JPY

## BANQUET FEE

Delegates	Students
10,000JPY	10,000JPY

## ORGANIZATION

### ORGANIZING COMMITTEE

EcoTopia Science Institute, Nagoya University  
Chair: Prof. Nobuo TANAKA  
Vice-Chairs: Prof. Masazumi OKIDO  
Prof. Masaaki KATAYAMA

### EXECUTIVE COMMITTEE

EcoTopia Science Institute, Nagoya University  
Chair: Prof. Ichiro NARUSE  
Secretary General: Prof. Naoki HAYAKAWA  
Program Chair: Prof. Tomomi UCHIYAMA