

## Conference organization

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## Important Dates

Call for Papers:	April 1, 2010
Abstract Submission Deadline:	July 16, 2010
Preliminary Program:	Aug. 20, 2010
Early Registration Deadline:	Aug. 31, 2010
Proceedings Submission Deadline:	Oct. 29, 2010

## Abstract

A one page (A4 size) abstract is due by July 16, 2010.  
A book of collected abstracts will be distributed at the registration desk.

## Proceedings

The Proceedings will be published in the e-journal of Surface Science and Nanotechnology. 【<http://www.sssj.org/ejsnt/>】 Details will be announced on the NSS6 website.

## Further Information

Latest information will be provided on the NSS6 website. 【<http://nss6.spring8.or.jp>】

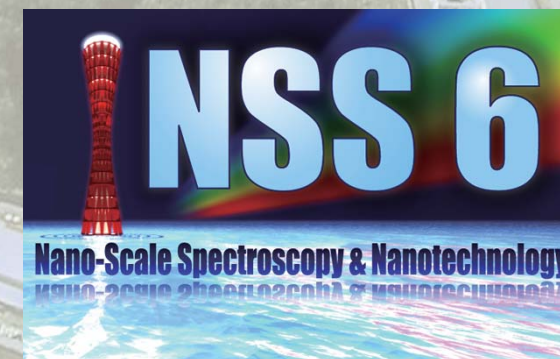
### NSS6 Secretariat

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## 6<sup>th</sup> International Workshop on Nano-Scale Spectroscopy and Nanotechnology

*October 25 (Mon) - 29 (Fri), 2010*

Kobe Univ. Centennial Hall (Rokko Hall)  
Kobe, JAPAN



Organized by:

Japan Synchrotron Radiation Research Institute,  
Riken,  
Kobe University

Sponsored by:

Japan Society for the Promotion of Science

**1st Announcement**

<http://nss6.spring8.or.jp/>



## Scope

Progress in nanofabrication technology has led to the development of semiconductor nanostructures with characteristic physical properties and potential applications in micro- and optoelectronic devices. To evaluate such nanostructures, different spectroscopic techniques have been developed which can provide a nanometer-scale lateral resolution. The International Workshop on Nanoscale Spectroscopy and Nanotechnology is a biennial meeting series to share the information on latest research advances of science and technology in the nanometer regime. The scope includes (but is not limited to) electronic, optical, magnetic, mechanical and transport properties of nanoscale systems, and nanoscale devices as well as nanomanipulation. Previous workshops were held in Trieste, Italy (NSS1, 2000), Tokyo, Japan (NSS2, 2002), Washington D.C., USA (NSS3, 2004), Rathen, Germany (NSS4, 2006), and Ohio, USA (NSS5, 2008). NSS6 provides a forum for the exchange of recent scientific and technical knowledge in this rapidly growing field. Scientists from industry, academia, and government labs are invited to participate. Technical sessions will cover the spectrum from fundamental to applied spectro- microscopic research. Discussion is an important feature of this workshop. Ample time will be available for discussion, both during and between the sessions.

## Topics

- Spectromicroscopy with synchrotron radiation (PEEM, Fresnel zone plates, Schwarzschild optics, SXTM)
- Electron microscopy (CL-TEM, CL-SEM, SAM, TEM-EELS, SEM-FA)
- Scanning probe techniques (STS, SNOM, CL-STM, OBIC)
- Nanostructures (quantum dots, quantum wires, nanotubes)
- Nanofabrication technology (nanolithography)

## Partial List of Speakers

### Plenary lecture

S. Iijima, Meijo Univ.

### Invited lectures

F. Keilmann, Max Planck Inst., Germany  
S. Gradecak, MIT, USA  
H. Okamoto, Institute for Molecular Science  
S. Terauchi, Tohoku Univ.  
H. Shigekawa, Tsukuba Univ.  
Y. Hasegawa, Univ. of Tokyo



Kobe Univ. Centennial Hall (Rokko Hall)

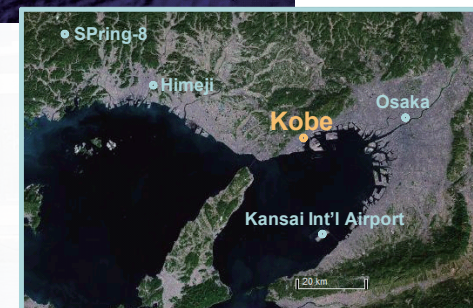
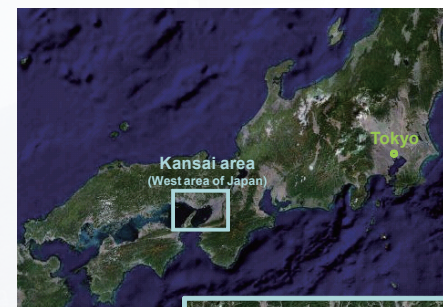
## Location & Climate

NSS6 workshop will be held at Kobe University Centennial Hall (Rokko Hall), Kobe, Japan.

【 <http://www.kobe-u.ac.jp/en/> 】

Kobe is known as the port town sandwiched between the Seto Island Sea to the South and the greenery of the Rokko mountain range to the North. The workshop venue, Kobe University Centennial Hall (Rokko Hall), is located at the foot of the Rokko mountains. In October it is typically clear with the temperature ranging from 16°C(low) to 23°C (daytime high). For more information of Kobe, please visit the website below.

【 <http://feel-kobe.jp/english/index.html> 】



## Language

The official Language of the workshop is English.