The conference site is Nara Prefectural New Public Hall, which is located in the center of Nara park with two major railway stations, JR Nara Station and Kintetsu Nara Station, both of which are easy to access from Osaka and Kyoto. Osaka has two airports, Kansai International Airport (KIX) and Osaka Airport. The limousine buses from KIX directly bring you to the major hotels in Nara. If you miss the buses, take a train or limousine bus to JR Tennoji, Nankai/Kintetsu Namba, or Kintetsu Uehonmachi to take a direct train to Nara.

From station to the hall, it takes 5 - 8 min by taxi or 20 - 30 min on foot. “City bus No.2 (City Loop Line)” operates frequently. It takes 7 - 10 min to the bus stop (Daibutsu-den Kasugataisha Mae) and 3 min on foot in addition. October weather in Nara is quite pleasant with a small chance of rain, and is good for walking in Nara Park. The average temperature is 17˚C during the day. Wide variety of restaurants can be found around the stations.

**Important dates**

- Call for papers: February 20-June 10, 2009
- Notice of acceptance of papers: July 10, 2009
- Early Registration: April 1-July 28, 2009
- Late Registration: July 29-September 11, 2009
- Manuscript submission to the proceedings: September 1 - October 10, 2009
- Hotel Reservation: April 1-September 18, 2009

**Registration**

<table>
<thead>
<tr>
<th>Date/Region</th>
<th>Kind</th>
<th>Fee in JPY</th>
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<tbody>
<tr>
<td>April 1-July 28 in JPY</td>
<td>Registration</td>
<td>45,000</td>
</tr>
<tr>
<td>July 29-September 11 in JPY</td>
<td>Student Registration</td>
<td>20,000</td>
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<tr>
<td></td>
<td>Conference Banquet</td>
<td>6,500</td>
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<tr>
<td></td>
<td>Conference Banquet Student</td>
<td>4,000</td>
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</tbody>
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**Satellite & Related Symposia**

- International Workshop on Electronic Spectroscopy for Gas-phase Molecules and Solid Surfaces (IMRAM, Tohoku University, Sendai, October 12-15)
- Workshop on Low-Energy Photoemission of Solids using Synchrotron Radiation (UVSOR, Institute for Molecular Science, Okazaki, October 3-4)
- SR/Surface Electron Microscopy and 5th Synchrotron Radiation Division Meeting of Surface Science Society of Japan (Nara Prefectural New Public Hall, Nara, October 4-5)
- Newest information on satellite and related symposia will be updated on our website.

**Excursion**

Payment for the various services including accommodation, bus transportation, social events will be possible at the end of the registration process.

**Hotel Information**

Our website informs you of the accommodation for this conference. Please visit our website for more information.

**Travel and Transportation**

<table>
<thead>
<tr>
<th>From Airport to Nara Station</th>
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<tbody>
<tr>
<td>Kansai International Airport</td>
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<tr>
<td>Nankai Line</td>
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<tr>
<td>Osaka Airport</td>
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<tr>
<td>Nankai Line</td>
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<tr>
<td>Namba Station</td>
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<tr>
<td>Tennoji Line</td>
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<tr>
<td>Kintetsu Nara Line</td>
</tr>
<tr>
<td>Uehonmachi Station</td>
</tr>
</tbody>
</table>

For questions concerning the conference, please contact Secretary of ICESS-11 (nara-icess11@ms.naist.jp).
Welcome Message

Welcome to the Eleventh International Conference on Electronic Spectroscopy and Structure: ICESS-11. The conference will take place in Nara, Japan from October 6th (Tue) through 10th (Sat), 2009. The conference site is Nara Prefectural New Public Hall, which is located in the center of Nara Park. This conference hall has a multi-purpose auditorium, conference rooms, and a spacious garden. Nara Park is the most famous tourist spot in Japan as a World Heritage including Todaiji Temple, Kofukuji Temple, Kasuga Shrine, which are within walking distance from the hall.

Scientific Topics

The program involves both applied and fundamental experimental research as well as theory development, but also includes industrial research. Here are some of the scientific topics to be discussed:

- Photoelectron and Auger electron spectroscopies using the VUV and soft and hard X-ray excitation sources, including resonant processes.
- De-excitation processes in electron spectroscopies.
- X-ray emission and absorption spectroscopies, resonant elastic and inelastic X-ray scattering, and X-ray optical measurements.
- Electron-energy-loss spectroscopies.
- Spectromicroscopies and microspectroscopies.
- Excitation/ionization cross-sections, relaxation effects, and many-electron phenomena.
- Measurements with variable light polarization, spin detection, and time resolution; “complete” experiments of various types.
- Coincidence spectroscopies using electrons.
- Photoelectron, Auger electron, and other electron-based diffraction and holography; x-ray fluorescence holography.
- STM and related electronic spectroscopies.
- Laboratory and synchrotron radiation instrumentation.
- New theoretical approaches and interpreting experiments for describing electronic structure and dynamics.
- Higher harmonic generation and free electron laser research applied to femtosecond and attosecond electron and excitation dynamics.
- Applications to the studies of atoms, molecules, liquids, surfaces/interfaces, nanostructures, clusters, catalysts, environmentally relevant problems, novel and complex materials, strongly correlated and magnetic materials, biological systems, and industrial analytical problems.

This series of conferences started in 1971 as the International Conference on Electron Spectroscopy (ICES), and since the eighth series (ICESS-8, Berkeley, 2000) the scope has been widened to include the electronic structure studied by various methods such as photon-in photon-out type of experiments, scanning probe and beam measurements. All these changes reflect the rapid development of research in this field. In the conference, in addition to the scientific program there will be a Vendors, Publishers, and Facilities Exhibition. Manuscripts on papers selected as oral presentation at ICESS-11 will be published in a special issue of the Journal of Electron Spectroscopy and Related Phenomena.

Preliminary List of Invited Speakers

- Donglai Feng (Fudan Univ.)
  Electronic structure of unusual charge and spin density waves
- Pieter Glatzel (ESRF)
  Examining the electronic structure by hard X-ray photon-in-photon-out spectroscopy
- Akiyoshi Hishikawa (IMS)
  Visualizing molecules in reaction by few-cycle intense laser pulses and high-order harmonics
- Jürgen Kirschner (MPI-Halle)
  Experiments on the exchange-correlation hole in solids
- Maya Kiskinova (ELETTRA)
  Addressing the surface properties of individual nanostructures with synchrotron-based photoelectron spectroscopy
- Robert Schlägl (HFI-Berlin)
  High pressure photoemission in catalysis
- Eric Shirley (NIST)
  Deep and penetrating insight into solid through two tools: X-ray & electronic structure theory
- Yasutaka Takata (RIKEN/SPring-8)
  Hard X-Ray Photoelectron Spectroscopy: A probe for bulk and embedded electronic structure
- Martin Wolf (FU-Berlin)
  Ultrafast dynamics of solids and interfaces analyzed by time-resolved photoelectron spectroscopy
- Many others (to be announced)

Conference Organization

ICESS-11 Conference Chair

- Hiroshi Daimon (Nara Institute of Science and Technology)

Co-chairs

- Maki Kawai (The University of Tokyo, Riken)
- Shozo Kono (Tohoku University)
- Nobuhiro Kosugi (Institute for Molecular Science)
- Shigeru Masuda (The University of Tokyo)
- Masaharu Oshima (The University of Tokyo)
- Shik Shin (The University of Tokyo)

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- Jinghua Guo
- Di-Jing Huang
- Shin-ichi Kimura*
- Maya Kiskinova
- Takanori Koshikawa*
- Ernst Kurnaev
- Toshiaki Munakata*
- Many others (to be announced)

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- Yves Petroff
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