

**4th International Workshop on
Infrared Microscopy and Spectroscopy with
Accelerator Based Sources**

Second Announcement



**September 25 – 29, 2007
Awaji-Island, Hyogo, Japan**

Organized by

*Graduate School of Sci. & Tech., Kobe University
UVSOR Facility, Institute for Molecular Science
SPring-8, Japan Synchrotron Radiation Research Institute
FIR Center, University of Fukui
SLLS Center, Ritsumeikan University
IR FEL Research Center, Tokyo University of Science*

Sponsored by

*The Japanese Society for Synchrotron Radiation Research
The Japan Society of Infrared Science and Technology
Particle Accelerator Society of Japan*

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Inoue Foundation for Science.*

Scope

WIRMS2007 will be the 4th WIRMS meeting and follows the highly successful workshops at Porquerolles in 2001, Lake Tahoe in 2003 and Rathen in 2005. The scope of the workshop is to bring together SR & FEL scientists and synchrotron-IR & FEL-IR users to discuss the latest developments and trends as well as the future directions of the fields, and to promote even more promising applications. Another important mission of this workshop is for the active experts to provide young researchers and graduate students with a good introduction to this rapidly advancing field.



Topics

1. Infrared spectroscopy - from solid state to biological substances and gas phase.
2. IR-to-THz spectroscopy under extreme conditions.
 - a IR-to-THz spectroscopy under high pressures.
 - b IR-to-THz spectroscopy under high magnetic fields.
 - c IR-to-THz spectroscopy under multi-extreme conditions.
3. IR-to-THz microspectroscopy and imaging.
 - a Near field microscopy, spectroscopy and imaging.
 - b Application of IR-to-THz microspectroscopy and imaging.
4. Time-resolved spectroscopy.
5. Coherent synchrotron radiation as a powerful IR-to-THz source.
6. Advances in IR-to-THz radiation based on accelerators.
 - a Other new developments on FEL's and synchrotrons relevant for the IR-to-THz region.
 - b Other accelerator based sources.
7. Facility news & updates.
 - a New facilities and updates.
 - b New beamlines and updates.
8. Others.

Committee

International Advisory Board

J. Allen (UCSB, USA), D. Basov (UCSD, USA), L. Carr (NSLS, USA), P. Dumas (SOLEIL, France), G. P. Gallerano (ENEA-Frascati, Italy), N. Guilhaumou (MNHN, France), M. Helm (ELBE, Germany), H.-Y. Holman (ALS, USA), F. Keilmann (MPI-Biochemie, Germany), S. Kimura (UVSOR, Japan), Y.-C. Lee (NSRRC, Taiwan), Y.-L. Mathis (ANKA, Germany), M. Martin (ALS, USA), T. May (CLS, Canada), L. van der Meer (FOM-Plasma Physics, Netherlands), L. Miller (NSLS, USA), U. Schade (BESSY, Germany), M. Tobin (Australian Synchrotron, Australia), G. P. Williams (J-Lab., USA)

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Secretariat

S. Kakiguchi (SPring-8), A. Inobe (SPring-8)

Venue

The WIRMS 2007 workshop site is the Awaji Yumebutai International Conference Center (<http://www.yumebutai.org/english/index.html>). Awaji Yumebutai is a resort complex that features beautiful seasonal flowers and greenery. ("Yumebutai" means "dream stage" in Japanese.) It is located close to the northern end of Awaji Island, where one can enjoy the spectacular landscape of Akashi Straits and Akashi Kaikyo Bridge. It is the world's longest suspension bridge, which connects Awaji Island to Kobe on the main island of Japan. (There will be a cruising tour of Akashi Straits as a part of WIRMS activities.) Kobe is one of the major Japanese cities, and can be reached easily from the major airports and other areas of Japan. Within an hour of bus/train ride from Yumebutai, one can visit downtown Kobe for various attractions, or other cities such as Himeji, best known for the Himeji Castle designated as a World Heritage by UNESCO. Detailed information regarding the transportation to Awaji Yumebutai can be found in the Yumebutai web-site.



Accommodation

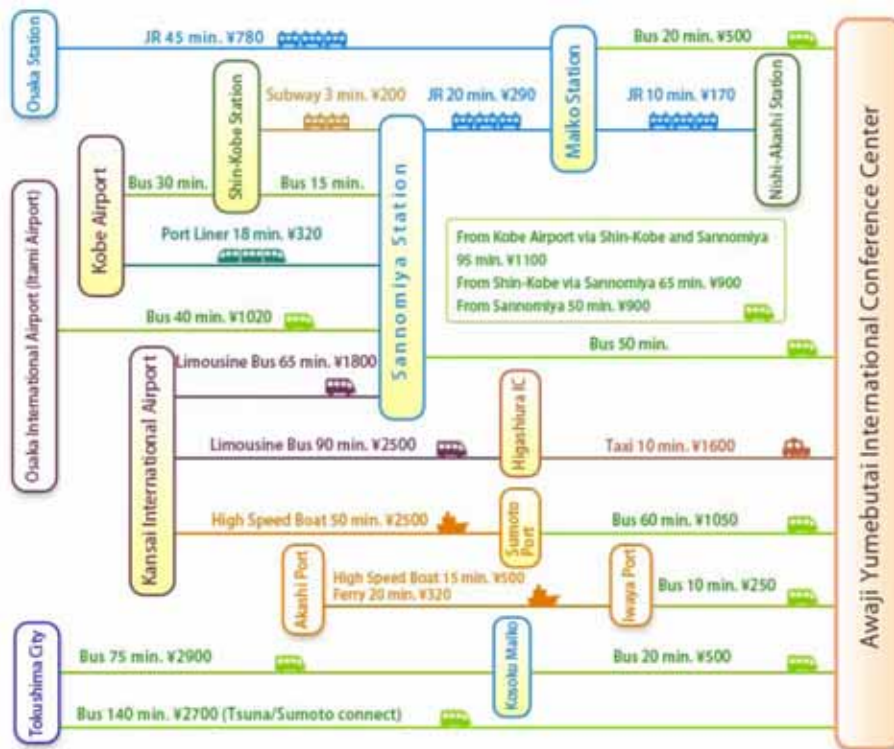
Rooms are available at the "Westin Awaji Island Resort" hotel located next to the workshop site, Awaji Yumebutai International Conference Center. Special discounted hotel rates for the WIRMS participants will be (per

night, per person, including breakfast, service charge and tax) 13,860 yen for single occupancy, 10,736 yen for double occupancy, and 8,505 yen for triple occupancy. Although less expensive hotels can be found, they are not located near Yumebutai, and the transportation is inconvenient. We strongly recommend that the participants stay at the Westin Awaji. A roommate matching service will be provided for those who wish to share a room with other WIRMS participants. WIRMS 2007 cannot guarantee a roommate, but will be glad to help the participants in this matter. Information about the roommate matching will be posted soon on the WIRMS web site. The on-line hotel reservation web-site will be opened from 1st June.

Travel

Please visit Conference Center's page.

[<http://www.yumebutai.org/english/access/access.html>]



Visas

Please watch the web-site of Ministry of Foreign Affair, Japan.

[http://www.mofa.go.jp/j_info/visit/visa/index.html]

Contacts

If you are interested in the workshop please contact us and register your e-mail address.

Secretariat of this conference
S. Kakiguchi & A. Inobe (SPring-8)
e-mail: wirms2007@spring8.or.jp
Phone: +81-791-58-0987
Fax: +81-791-58-0988



Tentative Scientific Program

	Morning	Afternoon	Evening
Sept. 25 (Tue.)		Registration	Welcome party
Sept. 26 (Wed.)	Opening remarks Oral 1	Oral 2	Poster
Sept. 27 (Thr.)	Oral 3	Oral 4	Banquet
Sept. 28 (Fri.)	Oral 5	Oral 6 Closing remarks	Free time
Sept. 29 (Sat.)	Bus trip to SPring-8.		

Partial List of Invited Speakers

Byrd, J.M., ALS, USA

"Coherent Terahertz Radiation at ALS."

Calvani, P., Rome Univ., Italy

"Study of the superconducting gap in B-doped diamond using coherent THz radiation."

Carr, G.L., NSLS, USA

"Using FPA with synchrotron-based Infrared Microscope."

Degiori, L., ETH-Zurich, Switzerland

"IR study on CeTe₃ under pressures."

Kimura, S., UVSOR, Japan

"IR magneto-optical imaging on correlated materials."

Martin, M., ALS, USA

"IR microscopy of charge injection layer in organic FET."

Okamura, H., Kobe Univ., Japan

"IR spectroscopy at very high pressures."

Ortega, J.-M., CLIO/LCP, France

"Near field microscopy of quantum dots and biological samples using FEL"

Shade, U., BESSY, Germany

"Application of CSR at BESSY-II"

Williams, G.P., Jefferson Lab., USA

"Application of high intense CSR at J-Lab."

* This list will be updated as the construction of the program continues.

Registration

For preliminary registration please send an e-mail to the following address.

wirms2007@spring8.or.jp

We recommend early registration before July 1, 2007 by paying the conference fee by bank transfer, wire or credit card. Payment details will soon be announced on the official web-site.

Tentative Registration Fee

	Before July 1, 2007	After July 1, 2007
Standard	45,000 JPY	55,000 JPY
Student	25,000 JPY	35,000 JPY
Accompanying person	20,000 JPY	25,000 JPY

The registration fee includes tax.

* includes Reception, Welcome party, Banquet, CD-ROM of the Proceedings, Refreshment, Program/Abstract Book.

** includes Reception, Welcome party, Refreshment, Banquet.

For participants from outside Japan payment of registration fee is available by credit card. It is also possible to pay by international bank transfer, at an additional cost of 2,500 JPY. Please contact the conference secretariat. Participants from Japan are requested to pay the registration fee by bank transfer.

Online registration will be started at April 1, 2007.

For more detail, please visit the registration page.

Payment of Registration

Overseas participants

For participants from outside Japan, payment of registration fee is available by credit card. Please send the credit card form by FAX by July 1, 2007 for early registration.

It is also possible to pay by international bank transfer, at an additional cost of 2,500 JPY. Please contact the conference secretariat.



Domestic participants

Participants from Japan are requested to pay the registration fee by bank transfer.

Deadline for Payments

Deadline of Payment for Early Registration : July 1, 2007

Number of Participants

The maximum number of participants is 100.

Accommodation

Rooms are available at the "Westin Awaji Island Resort" hotel located next to the workshop site at Awaji Yumebutai. Less expensive hotels are also available nearby. Further information on accommodation will be announced on the official web-site.

Westin Awaji Island Resort web-site: <http://www.westin-awaji.com/en/index.html>

Deluxe Room(2single beds) / 1 person (breakfast included)	13,860 yen.
Deluxe Room/ 2 person (breakfast included)	10,736 yen per one person.
Deluxe Room/ 3 person (breakfast included)	8,505 yen per one person.

The on-line hotel reservation web-site will be opened from June 1, 2007.

Climate

The weather at the end of September is generally nice and comfortable, with an average temperature of 23 °C (73 °F).

Language

The official language of the workshop is English.

Abstract

Contributed oral presentations will be selected by the program committee from the submitted abstracts, and the selected speakers notified by July 1, 2007.



How to Submit Your Abstract

By e-mail:

Please send your abstract to the workshop secretariat, **wirms2007@spring8.or.jp** as an attached PDF file. PDF files are not perfectly compatible over all computer systems. To avoid compatibility issues we recommend the avoidance of special symbols or Greek letters.

Abstracts will only be accepted from registered participants.

To use the abstract template for MS-Word on the workshop web-site is recommended.

Please include the following information in your email:-

Your registration number

Presentation type: (invited, oral, poster, no preference)

The relevant topic to your presentation

Please select one topic from the list of topics of this workshop.

The attached PDF file must be named using the following convention:

e.g.) Your registration number: 010

Your family name: Kimura >> 010.Kimura.pdf

If you submit two or more abstracts,

>> 010.Kimura.a.pdf, 010.Kimura.b.pdf, ...

Confirmation of Submitting Your Abstract

If you do not receive a confirmation by e-mail from the secretariat in a week after you submitted an abstract, please contact us to make sure that your abstract has been safely received.

Deadline

Regular Abstract Submission: June 1, 2007

Post-deadline Poster Abstract Submission: September 1, 2007

The post-deadline submission will be closed before September 1, when the place of poster presentation is filled.

Proceedings

All authors of contributions to WIRMS2007 are invited to submit a paper to appear in the conference proceedings and to be published in a refereed journal Infrared Physics and Technology. Each paper contributed will be subject to standard refereeing procedures.

The instruction of the manuscript can be referred on the workshop web-site.

Proceedings manuscript should be submitted at the registration desk on the beginning day of the workshop.

Important Dates and Deadlines

	Date
Abstract submission and registration start	April 1, 2007
Abstract submission deadline	June 1, 2007
On-line hotel reservation starts	June 1, 2007
Notification of acceptance of abstracts	July 1, 2007
Early registration deadline	July 1, 2007
Post deadline poster submission	Sept. 1, 2007
Workshop starts	Sept. 25, 2007
Manuscript submission deadline	Sept. 25, 2007

For Up-to-Date Information

Please visit the official web-site: <http://www.uvsor.ims.ac.jp/WIRMS2007/>

The web-site will be updated frequently.