

ICXOM 2007

19th International Congress on X-Ray Optics and Microanalysis
(and the 43rd Annual Conference on X-Ray Chemical Analysis)

Second Circular, Call for Papers



September 16-21, 2007

Kyoto University, Clock Tower Centennial Hall*

<http://www.kyoto-u.ac.jp/english/etop2/e11-top.htm>

<http://www.kyoto-u.ac.jp/english/etop2/e11-top.htm>

Kyoto, Japan

Chair: Hisanobu Wakita (Fukuoka Univ.)

Conference Web URL

www.nims.go.jp/xray/xbun/

www.process.mtl.kyoto-u.ac.jp/

www.a-chem.eng.osaka-cu.ac.jp/tsujilab/

*The first circular announced ICXOM to be held at KIT (Kyoto Institute of Technology), but the KIT buildings are scheduled reconstruction also during the term of ICXOM conference, and thus the venue has been changed to Kyoto University.

1. History of the conference

No	Year	Location
1	1956	Cambridge (UK), X-ray microscopy & Microradiography
2	1959	Stockholm (Sweden), X-ray Microscopy & X-ray Microanalysis
3	1962	Stanford (USA), X-ray Optics & X-ray Microanalysis
4	1965	Orsay (France), Optique des Rayons X et Microanalyse
5	1968	Tubingen (Germany), X-ray Optics & Microanalysis (ICXOM)
6	1971	Osaka (Japan)
7	1974	Moscow-Kiev (Russia)
8	1977	Boston (USA)
9	1980	Hague (The Netherlands)
10	1983	Toulouse (France)
11	1986	London (Canada)
12	1989	Krakow (Poland)
13	1992	Manchester (UK)
14	1995	Guangzhou (China)
15	1998	Antwerp (Belgium)
16	2001	Vienna (Austria)
17	2003	Chamonix (France)
18	2005	Frascati (Italy)
19	2007	Kyoto (Japan)

2. Scope

The 19th International Congress on X-ray Optics and Microanalysis is dedicated to bring together users and experts from the field of microanalysis by means of X-rays beams (including synchrotron radiation), electrons or other energetic particles. Scientists from this field, involved in fundamental and applied research and/or in methodological and instrumental developments will find this conference a splendid opportunity to present or assess state-of-the-art results, as well as to establish or renew direct contacts with colleagues during the social program or at the industrial exhibition. The main topics will include the following aspects of micro-, nano-, and surface analysis:

Quantitative analysis and standardization

X-ray optics and lens

Electron probe X-ray microanalysis and scanning electron microscope

Advanced instrumentation including portable instruments

Imaging techniques

State-of-the-art microanalysis methods: fluorescence tomography/holography, TXRF, FIB, TEM, and PEEM/LEEM

Applications of micro- and surface analysis techniques in the fields of earth and environmental science, life science, industrial application, materials science, art and archaeology

3. Invited speakers (tentative; we still accept nomination)

Tomoya Arai, X-Ray Fluorescence Analysis, Rigaku, Japan

Burkhard Beckhoff, Reference-free X-Ray Fluorescence Analysis, Physikalisch Technische Bundesanstalt, Germany

Maria Luisa de Carvalho, Microprobe synchrotron radiation at LURE: applications on post-mortem human tissues and geological samples, Universidade de Lisboa, Portugal

Sultan B. Dabagov, On X-Ray Waveguiding in Nanochannels: Channeling Formalism, INFN - Lab. Naz. di Frascati, Italy

Xunliang Ding, Recent progress of capillary x-ray focusing system and its application, Institute of Low Energy Nuclear Physics, Beijing Normal University, China

Rene Van Grieken, University of Antwerp

George J. Havrilla, X-ray Optics Enabling New Capabilities for Materials Characterization, Los Alamos National Laboratory

Masato Hoshino, Three-dimensional element analysis using a full-field X-ray fluorescence imaging microscope, University of Tsukuba, Japan

Takeo Ichinokawa, Material Contrasts of Scanning Ion and Scanning Electron Microscope Images, Waseda University, Japan

Hiroshi Jinnai, Recent development of transmission electron microtomography for quantitative nano-scale structural analysis, Kyoto Institute of Technology, Japan

Takanori Koshikawa, The Development and future of the Emission Microscope, Osaka Electrocommunication University, Japan

Tsutomu Kurisaki, Development of Laboratory Ultra Soft X-Ray Spectrometer, Fukuoka University, Japan

Izumi Nakai, Chemical speciation of cadmium and arsenic hyper-accumulator plants by SR- μ -XRF analysis, Tokyo University of Science, Japan

Robert Ogilvie, Stress analysis in Tungsten coated Silicon Wafers, Massachusetts Institute of Technology, USA

János Osán, Speciation of light elements in submicron particles deposited on silicon wafers using TXRF-NEXAFS, KFKI Atomic Energy Research Institute, Hungary

Mihály Ovari, Analysis of biological and environmental samples with total reflection X-ray fluorescence spectrometry, Eötvös University, Hungary

Rupert Perera, Chemical Effect on Soft X-Ray Spectroscopy, ALS, USA

Carlos A. Perez, XRF Surface Analysis Combining Grazing-Exit Conditions and X-Ray Microprobe, Brazilian Synchrotron Light Source, Brazil

Chul-Un Ro, Quantitative ED-EPMA of individual particles and its application for characterization of atmospheric aerosol particles, Inha University, Korea

Alexandre Simionovici, Observatoire des Sciences de l'Univers de Grenoble, France

Hiroyoshi Soejima, Multi Capillary X-Ray Lens, Shimadzu, Japan

Toshihisa Tomie, How the X-ray refractive lens was born, National Institute of Advanced Industrial Science and Technology (AIST), Japan

Szabina Török, Tire debris identification in urban and airport aerosols by micro-XRS and small angle scattering, KFKI Atomic Energy Research Institute, Hungary

Peter Wobrauschek, Synchrotron radiation induced Total reflection x/ ray fluorescence analysis instrumentation and application, TU Wien, Austria

Keiji Yada, Recent Trends of Projection X-Ray Microscopy in Japan, Tohken Co.,Ltd.

Tsuneo Yasue, Observation of Surface Dynamic Processes by LEEM/PEEM, Osaka Electrocommunication University, Japan

4. Exhibition

During the conference, exhibition by X-ray companies are scheduled. Those who want to exhibit their X-ray devices are requested to contact the secretariat (Jun Kawai).



5. ICXOM Advisory Committee

Koen Janssens (Belgium), chair

James Brown (Canada)

Sultan Dabagov (Italy)

Michael Mantler (Austria)

Robert Ogilvie (USA)

Alexandre Simionovici (France)

Clive Walker (Germany)

Liu Yongkang (China)



6. Program Committee

David Attwood (USA)

Roberto Cesareo (Italy)

Yohichi Gohshi (Japan)

Atsuo Iida (Japan)

Shigero Ikeda (Japan)

Birgit Kanngießner (Germany)

Muradin Kumakhov (Russia)

Yoshimasa Nihei (Japan)

Toshiaki Ohta (Japan)

Anatoly Snigirev (France)

Kazuo Taniguchi (Japan)

7. Local Organizing Committee

Hisashi Hayashi (Japan Women's Univ.)

Masanao Kato (Nagaoka Nat'l College of Technol.)

Tokuzo Konishi (Asahi Kasei Corporation)

Muneyuki Motoyama (Hyogo Pref. Univ.)

Yasuji Muramatsu (Hyogo Pref. Univ.)

Toshihiro Nakamura (Meiji Univ.)

Chiya Numako (Tokushima Univ.)

Tokuhiko Okamoto (Ritsumeikan Univ.)

Masaaki Oku (Tohoku Univ.)

Kenji Sakurai (NIMS)

Youichi Tamaki (Miyagi Univ. of Edu.)

Iwao Watanabe (Osaka Pref. Univ.)

Takushi Yokoyama (Kyushu Univ.)

8. Contact us (Secretariat)

Jun Kawai (Kyoto Univ.)

jun.kawai@materials.mbox.media.kyoto-u.ac.jp

TEL +81-75-753-5442, FAX +81-75-753-5436

Shinjiro Hayakawa (Hiroshima Univ.)

hayakawa@hiroshima-u.ac.jp

Takeshi Yamada (KIT)

tyamada@kit.jp

Etsu Yamada (KIT)

eyamada@kit.ac.jp

Kouichi Tsuji (Osaka City Univ.): Satellite symposium at Osaka (Sep. 15,16)

tsuji@a-chem.eng.osaka-cu.ac.jp

TEL/FAX +81-(0)6-6605-3080

9. Conference venue

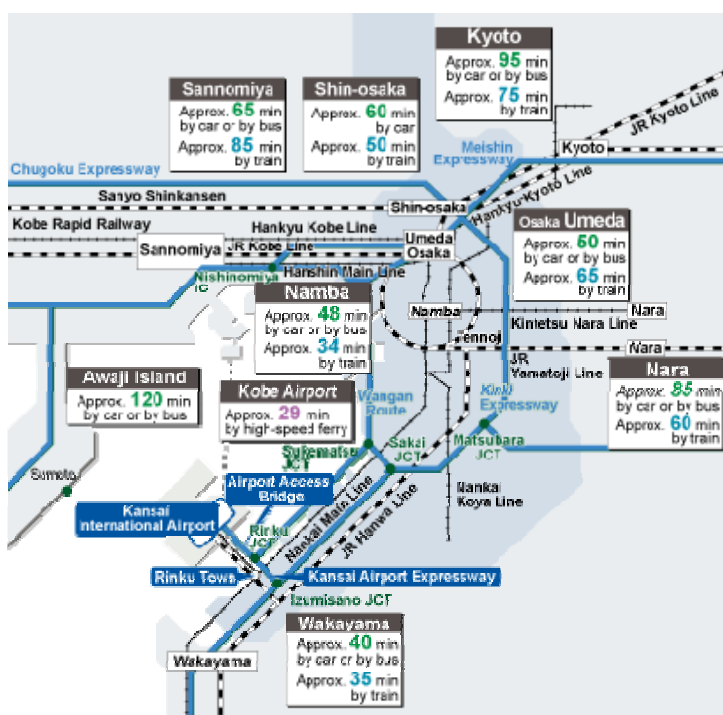
Kyoto is an old capital of Japan, established more than 1200 years ago, and famous for old style Japanese culture, temples, and shrines. The conference venue has been changed to Kyoto University (Please note that the first circular announced the venue as Kyoto Institute of Technology (KIT), but because of the campus reconstruction, we have moved to Kyoto University). The conference will be held at Kyoto University, Clock Tower Centennial Hall (a main building of Kyoto University, close to the Main Gate) and neighbor buildings.

The Clock Tower is in the Main Campus of Kyoto University, connected by bus #206 from Kyoto Railway Station, and there are several ways to come to the main campus.

10. How to reach Kyoto city

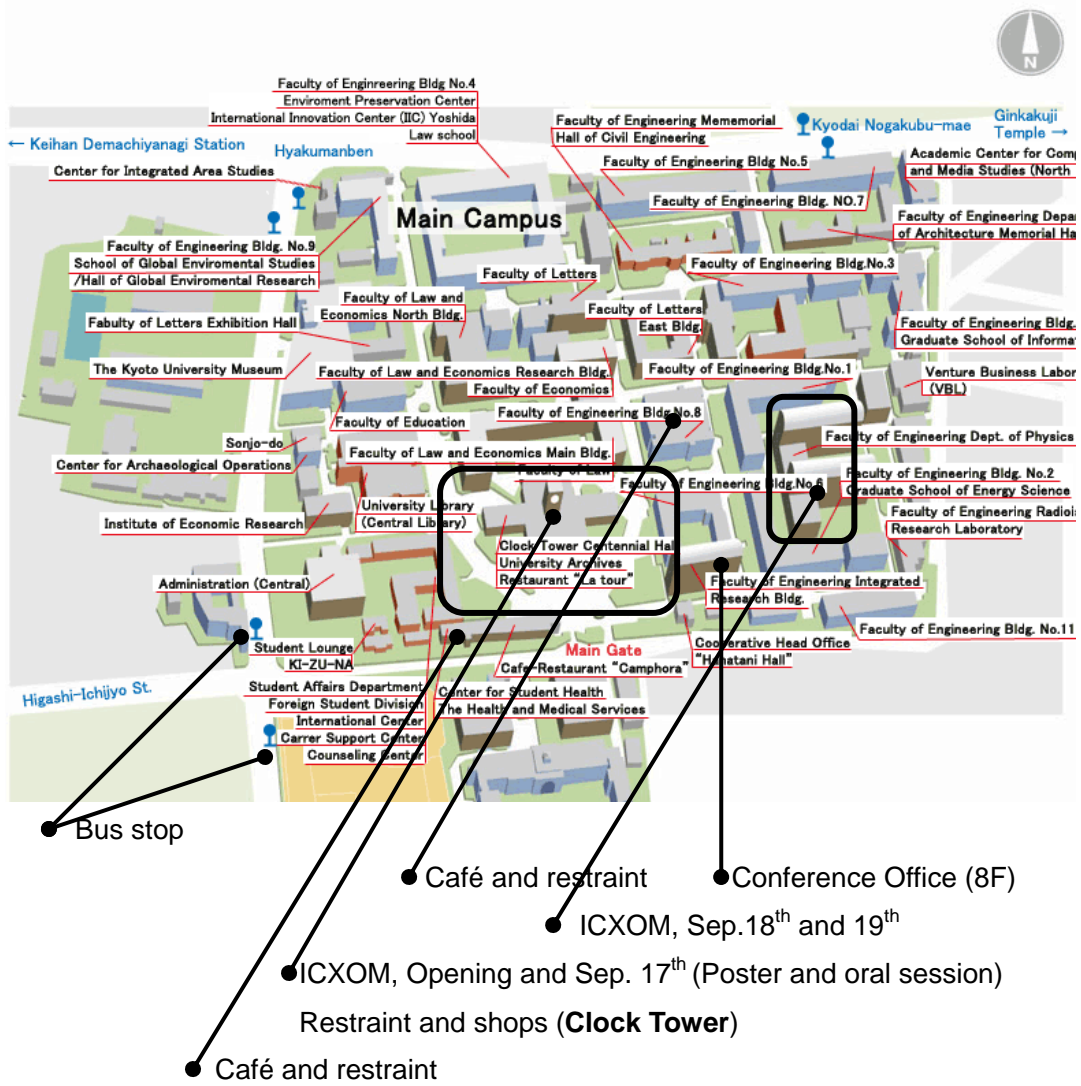
From Osaka Kansai International Airport, JR (Japan Railway) Haruka Express (every 30 minutes) will bound to Kyoto Central Station (JR Kyoto Station), with approximately 75 minutes. Hotels are within a few minutes walk from the main entrance of the Station. The “Kyoto Tower” is a landmark to find your hotel. Airport bus also connects to the south entrance of JR Kyoto Station.

Map from Osaka Kansai International Airport

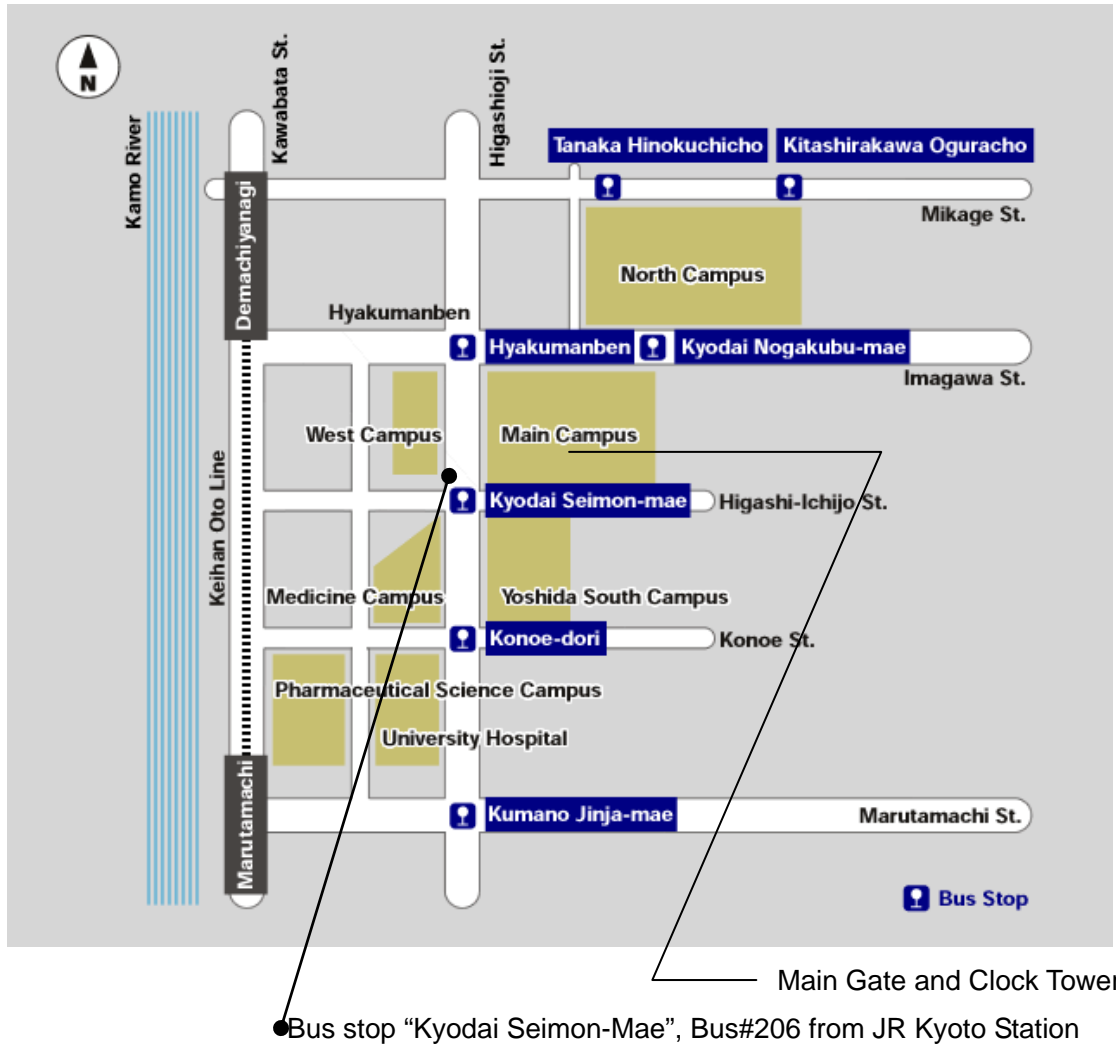


<http://www.kansai-airport.or.jp/en/access/index.html>

Map of Main Campus of Kyoto University

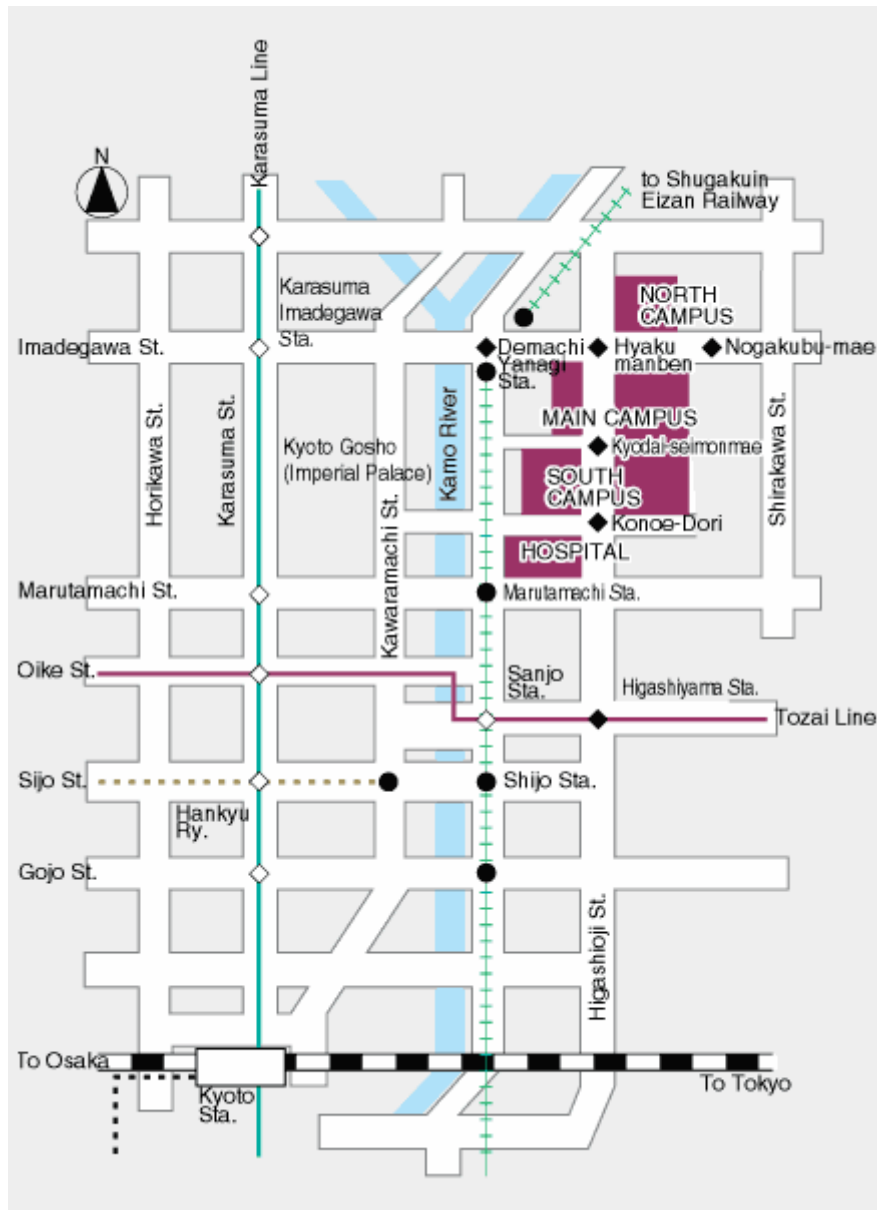


Kyoto University Map (Schematic)



Bus information is at <http://www.city.kyoto.jp/koho/eng/access/transport.html>

Kyoto City Map (Schematic)



11. Hotel information

Kyoto Tower Hotel

Address: Kyoto-Eki-Karasuma-Chuoh-Guchi-Shomen, Shimogyo-ku, Kyoto 600-8216 Japan.

(In front of JR Kyoto Station, 7th Street Entrance)

www.kyoto-tower.co.jp Phone:+81(0)75-361-3212 Fax:+81(0)75-343-5645

Check In: 13:00, Check Out: 11:00



Hotel Hokke Club Kyoto

Address: Kyoto-Eki-Karasuma-Chuoh-Guchi-Shomen, Shimogyo-ku, Kyoto 600-8216 Japan
(Next to Kyoto Tower Hotel)

www.hokke.co.jp/2601/ Phone:+81(0)75-361-1251 Fax:+81(0)75-361-1255

Check In: 15:00, Check Out: 10:00



Rihga Royal Hotel Kyoto

Address: Horikawa Shiokoji, Shimogyo-ku, Kyoto 600-8237, Japan.
(10 minutes walk from JR Kyoto Station)

www.rihga.com/kyoto/index.html

Phone:+81(0)75-341-1121 Fax:+81(0)75-341-3073

Check In: 13:00, Check Out: 11:00



Hotel reservation form should be sent by FAX to Nippon Travel Agency at +81-75-352-5307 before June 30, 2007

Nippon Travel Agency Co. Ltd., Kyoto Branch

Postal Address: Nippon Travel Agency Co. Ltd., Kyoto Branch, Daitetsu-Kyoto Bldg. 4F, 533-6 Higashi-Aburano-Kohji-Machi, Shimogyo-ku, Kyoto 600-8235, Japan

Phone: 81-75-361-7377 FAX: 81-75-344-5658

E-mail: kyoto_convention@good.nta.co.jp

Category	Hotel Name	Room Type	Room Rate/night/room
Standard	Kyoto Tower Hotel	Single	JPY 11,500(Sep.15, 16)
			JPY 10,000(Sep, 17-21)
Economy	Hotel Hokke Club Kyoto	Single	JPY 9,800(Sep.15-21)
		Twin	JPY 17,600(Sep.15-21)
Superior	Rihga Royal Hotel Kyoto	Twin	JPY 26,000(Sep.15, 16)
			JPY 22,000(Sep.17-21)

- Duration September 15-21 (7 nights) 2007
- Above rates are per room, per night including service charge and general consumption tax.

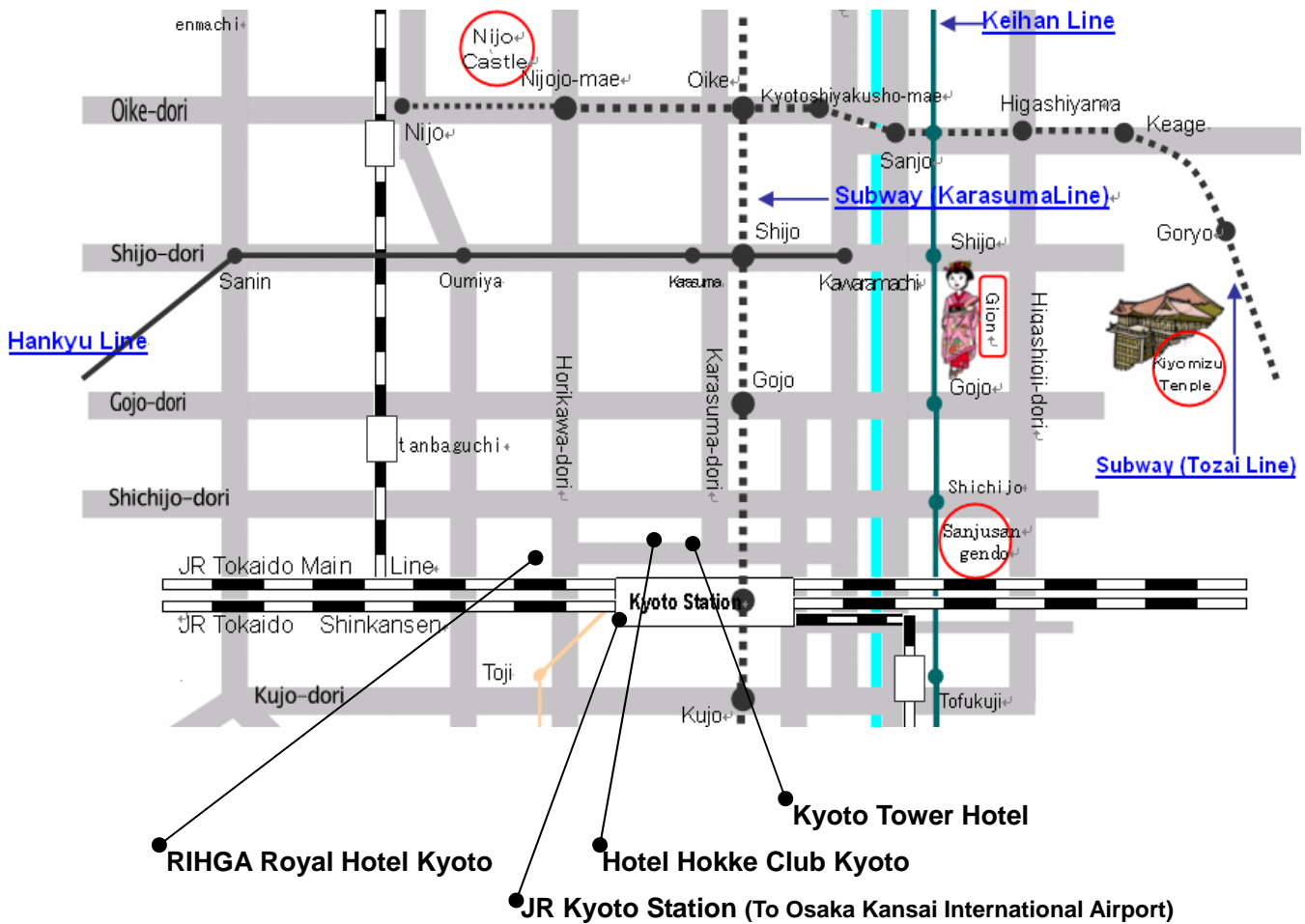
- Above rates include breakfast.
- Payment must be settled in Japanese Yen (JPY).
- Sep.16th is a national holiday and the room rate is higher.

HOTEL CANCELLATION POLICY

The following cancellation fees will be deducted before any refund is made.

Up to 10 days before the first night of stay.....	None
9 to 2 days before.....	20% of daily room charge
1 day before.....	80% of daily room charge
On the day of arrival or no notice given.....	100% of daily room charge

Kyoto Hotel Map



The week of the ICXOM conference is the Highest Season for Kyoto Sightseeing (national holidays, and good weather), hotel rooms will be soon occupied just after the deadline.

12. Registration Fee

	Before June 30, 2007	Cash at the registration desk
Regular	JPY 4500	JPY 6000*
Student	JPY 2000	JPY 2000

(This fee does not include proceedings book or banquet)

Banquet	JPY 1000 (all the banquet participants)
Excursion	To be announced
Proceedings	To be announced

*All the invited speakers should pay the registration fee

13. Important dates and deadlines

Abstract: June 20, 2007

Early Registration: June 30, 2007

Hotel accommodation: June 30, 2007

Proceedings: October 1, 2007

14. Location and time (tentative schedule)

Sep.16 (Sun.)	Welcome reception (Kyoto Tower Hotel, 4pm-8pm)
Sep. 17 (Mon.)	Invited lectures, Oral talks, Posters (Kyoto Univ.)
Sep. 18 (Tue.)	Invited lectures, Oral talks, Posters (Kyoto Univ.), Banquet (Downtown in Kyoto)
Sep. 19 (Wed.)	Invited lectures, Oral talks, Posters (Kyoto Univ.)
Sep. 20 (Thu.)	Kyoto city sight seeing, visit to Synchrotron Radiation Facility in Ritsumeikan Univ.
Sep. 21 (Fri.)	Visit to X-ray companies in Kyoto, Workshop

Other choice on 20th and 21st: Visit to SPring-8, or to Participate the X-ray session in the Annual Conference of Japan Society for Analytical Chemistry at Tokushima Univ.



Japan Railway (JR) Kyoto Station, which is directly connected to Kansai International Airport. Hotels are around the JR railway station.

7. Other conferences

Sep. 9-14: EUROanalysis XIV (Antwerp), www.euroanalysisxiv.ua.ac.be

Sep. 19-21: Annual Japan Conference on Analytical Chemistry (Tokushima, Japan), X-ray session will be on 20 or 21 Sep.

Sep. 23-27: CSI-XXXV (Xiamen, China) Colloquium Spectroscopicum Internationale, www.csixxxv.org

Oct. 29- Nov. 2: SIMS-XVI and ALC-07 (Atomic Level Characterization) (Kanazawa, Japan), <http://beams.cc.kogakuin.ac.jp/sims/>

Nov. 25-28: PSA-07 (Practical Surface Analysis) (Kanazawa, Japan), www.sasj.jp/PSA/PSA07/



Instructions to Authors of Abstract for Oral and Poster Contributions

Authors name

Affiliations

The abstract should be within 1 pages including figures. In the second page, contact address of the main author should be written (postal address, e-mail address, FAX, and telephone). The postal address is needed because the final circular (program) with map of Kyoto city will be sent during August, 2007). The second page is not included in the book of abstracts, but will be distributed as the list of participants, after edited. Personal information not willing to be published should be indicated in the 2nd page.

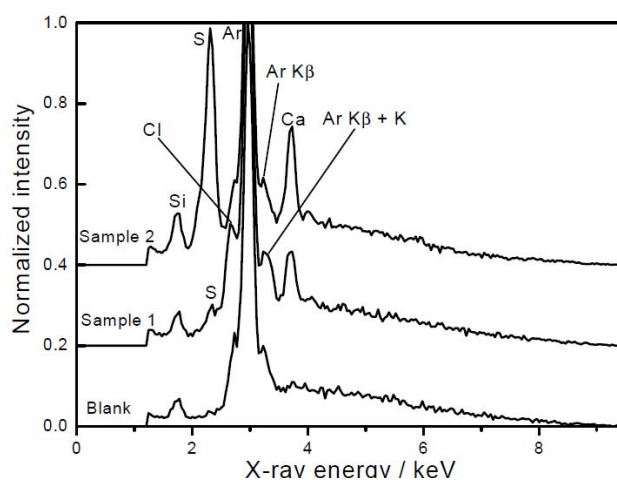


Fig.1 Figure demonstration

References

[1] Author, Journal, Vol. Page (2007).

Registration Form, ICXOM 2007 Kyoto

Please do not send money for international participants. Sending the registration form before June 30 is enough for early registration for outside of Japan. The registration fee (cash) should be paid at the registration desk. Japanese participants are requested to send money to the Japan Society for Analytical Chemistry by the method indicated in "BUNSEKI" journal (This form should be sent by e-mail to Jun Kawai with or without abstract).

Name: Dr./Prof./Mr./_____

Affiliation:_____

Address:_____

Tel:_____

FAX:_____

E-mail:_____

Payment at the registration desk	X
Early registration fee (JPY 4500, before June 30th, 2007)	_____
Late registration fee (JPY 6000, after July 1st, 2007)	_____
Student fee (JPY 2000)	_____
Banquet (JPY 1000 per person)	_____
Excursion (announced at the registration desk, can be changed)	_____
Proceedings (Spectrochim.Acta, one issue, Price will be announced)	_____

Signature_____ Date _____

This form should be sent to jun.kawai@materials.mbox.media.kyoto-u.ac.jp (E-mail is preferable) or FAX to +81-75-753-5436 (Kawai's office), with your abstract(s).

Hotel Reservation Form, ICXOM2007, Kyoto

Hotel reservation form should be sent by FAX to Nippon Travel Agency at +81-75-352-5307 before June 30, 2007

Nippon Travel Agency Co. Ltd., Kyoto Branch

Postal Address: Nippon Travel Agency Co. Ltd., Kyoto Branch, Daitetsu-Kyoto Bldg. 4F, 533-6 Higashi-Aburano-Kohji-Machi, Shimogyo-ku, Kyoto 600-8235, Japan

Phone: +81-75-361-7377 FAX: +81-75-352-5307

E-mail: kyoto_convention@good.nta.co.jp (Please do not send your credit card number by e-mail)

Hotel: **Kyoto Tower Hotel / Hotel Hokke Club Kyoto / Rihga Royal Hotel Kyoto**

Room type: **Single / Twin**

Arrival date: _____ Departure date: _____

Name: Dr./Prof./Mr./ _____

Affiliation: _____

Address: _____

Tel: _____

FAX: _____

E-mail: _____

Type of card: JCB / VISA / Master Card / AMEX

Card Number: _____

Expiration Date: Month: _____ Year: _____ Cardholder's Name: _____

Amount (JPY): _____ Method of Payment: ONE TIME ONLY

Signature _____ Date _____

Acknowledgement of reservation will be sent by E-mail within one working day.