
Plenary lectures

- CCQM Activities on Metrology in Chemistry
R. Kaarls (CIPM/CCQM)
- BIPM International Comparisons in Support of the Equivalence of Chemical Measurements
R. Wielgosz (BIPM)
- New Challenges for Reference Materials in the Omics Era
A. Herrero (IRMM)

Invited speakers

J. Betz (NIH)	H. Emons (REMCO, IRMM)
A. Fajgelj (IAEA)	N. Furuta (Chuo Univ.)
H. Haraguchi (Nagoya Univ.)	I. Kuselman (INPL, CITAC)
R. Manning (USP)	Y. Mitani (CENAM)
S.-R. Park (KRISS)	D. Patterson (CDC)
M. Salit (NIST)	L. Sander (NIST)
G. Turk (NIST)	S. Wise (NIST)
W. Wolf (USDA)	S. Wood (LGC)

Additional speakers will be uploaded on the website.

Further information

Up-to-date information on BERM11 is available on

www.nmij.jp/berm11/

Contact address

If you have questions, please contact:

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Koichi Chiba, Secretary,
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A. Fajgelj (IAEA, Austria)
N. Furuta (Chuo Univ., Japan)
H. Haraguchi (Nagoya Univ., JSAC, Japan)
M. Kubota (JARM, Japan)
A. Lamberty (IRMM, EU)
R. Manning (USP, USA)
Y. Mitani (CENAM, Mexico)
U. Panne (BAM, Germany)
D. Patterson (CDC, USA)
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H.-Y. So (KRISS, Korea)
M. Tanaka (NMIJ, Japan)
G. Turk (NIST, USA)
S. Willie (NRCC, Canada)
S. Wise (NIST, USA)
W. Wolf (USDA, USA)
S. Wood (LGC, UK)
Y. Yadong (NIM, China)

Organizer

Hosted and sponsored by

National Metrology Institute of Japan (NMIJ),
National Institute of Advanced Industrial Science and
Technology (AIST)

Cosponsored by

Tsukuba Foundation for Chemical and Bio-Technology

Cooperative societies

The Chemical Society of Japan
The Japan Society of Analytical Chemistry
Japan Environmental Measurement & Chemical
Analysis Association
Japan Association of Clinical Reagents Industries
Japan Association for Reference Materials
Japanese Committee for Clinical Laboratory Standards
Discussion Group for Plasma Spectrochemistry in Japan
AOAC International Japan Section

SECOND CIRCULAR



11th International Symposium on Biological and Environmental Reference Materials (BERM 11)

October 29 to November 2, 2007

Tsukuba International Congress Center
(EPOCAL TSUKUBA)

Tsukuba, Ibaraki, Japan



Scope

The Eleventh International Symposium on Biological and Environmental Reference Materials, BERM 11, will be held in Tsukuba, Ibaraki, Japan, from October 29 to November 2, 2007. This is the first BERM to be held in the Asia-Pacific region as an intermediate one between those held alternately in the European Union and the United States of America since 1983. As a continuation of the symposium series, BERM 11 is intended to be a forum to address issues related to the development of biological and environmental reference materials and their role in the quality assurance of analytical measurements.

Topics

❖ CRM development

- Recent development of CRM production
- Biological RMs
- Environmental RMs
- RMs for laboratory medicine
- RMs in food and safety
- RMs for RoHS Directive
- Greenhouse gas RMs
- RMs for marine environment
- Asian collaboration on CRMs

❖ Quality control

- RMs for proficiency testing
- RMs in QA/QC
- RMs in lab accreditation
- Measurement Uncertainty

❖ Analytical techniques

- Analytical techniques for certification
- Application of RMs to method developments

Official language

The official language is English. A simultaneous translation to Japanese will be provided for the plenary and keynote lectures.

Important date

Apr. 15 - Jun. 15, 2007	Submission of abstract
Jul. 31, 2007	Notification of acceptance
Aug. 31, 2007	Deadline of early on-line registration
Oct. 29 - Nov. 2, 2007	Symposium

Symposium schedule

Oct. 29	On-site registration, reception
Oct. 30 – Nov. 1	Plenary and keynote lectures, oral and poster presentation, exhibition, symposium dinner (Oct. 31)
Nov. 2	Lab tour and excursion

Location

❖ Venue:

Tsukuba International Congress Center (Epochal Tsukuba),
Homepage: www.epochal.or.jp/english/
2-20-3, Takezono, Tsukuba, Ibaraki 305-0032, Japan
About 10 minute-walk from Tsukuba Center (bus terminal) and Tsukuba Station (Tsukuba Express Line)

❖ Access to Tsukuba:

From Narita International Airport :
About 100min to Tsukuba center by bus (Airport Liner, NATT'S)

From Haneda Airport (Tokyo International Airport) :
About 80min to Tsukuba center by highway bus



Call for papers

The Scientific Organizing Committee is soliciting abstracts for both oral and poster presentations. All abstracts are due by June 15, 2007. For abstract submission guidelines, please visit the website.

Deadline of Abstract Submission:

June 15, 2007

Special issues

Papers presented at BERM 11 may be submitted to either of two journals for publication in special issues dedicated to reference materials and BERM 11: **Analytical and Bioanalytical Chemistry (ABC)** or **Accreditation and Quality Assurance (ACQUAL)**.

Exhibition

An exhibition of RMs, reagents and analytical instruments will take place. For further information, please contact the **Organizing Committee**.

Registration

Registration *1	(Before Aug. 31, 2007)	42,000 JPY
	(After Sep. 1, 2007)	50,000 JPY
Accompanying person *2		5,000 JPY
Symposium dinner		8,000 JPY

*1 The registration fees include symposium materials, the book of abstracts, a complimentary copy of both ABC and ACQUAL special BERM 11 issues, the reception, the lab tour and excursion. The symposium dinner and lunch are not included.

*2 The accompanying person fee includes the reception, lab tour and excursion.