

# XXVI<sup>th</sup> International Biometric Conference

Organised by the Biometric Society of Japan, Japanese Region of the International Biometric Society

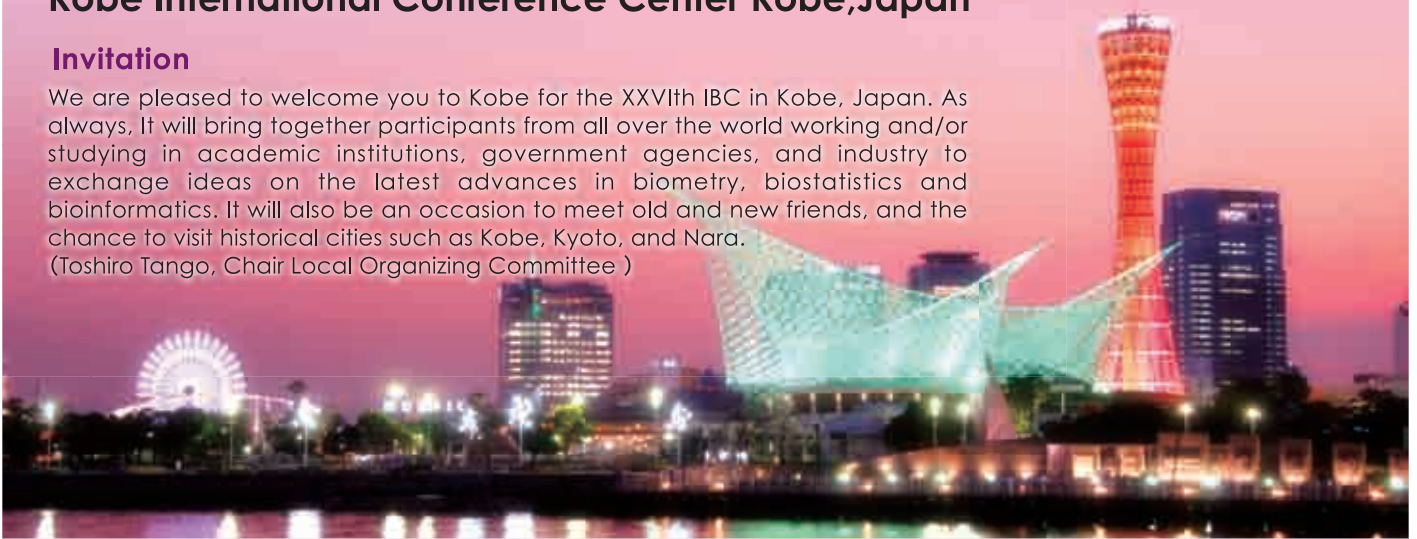


## August 26-31, 2012

## Kobe International Conference Center Kobe, Japan

### Invitation

We are pleased to welcome you to Kobe for the XXVIth IBC in Kobe, Japan. As always, it will bring together participants from all over the world working and/or studying in academic institutions, government agencies, and industry to exchange ideas on the latest advances in biometry, biostatistics and bioinformatics. It will also be an occasion to meet old and new friends, and the chance to visit historical cities such as Kobe, Kyoto, and Nara.  
(Toshiro Tango, Chair Local Organizing Committee)



### About Kobe

Kobe, located almost in the center of Japan, is known as a city having a unique style with the exotic atmosphere in Japan, which has been affected by the foreign cultures and flourished as the international port since old days. Kobe boasts the Rokko Mountains richly endowed with nature and has flourished as the hot spring street such as Arima since old days. Kobe is also known as the gourmet street (Kobe beef, Nada Japanese sake, wine and sweets), as well as the fashion street with the sophisticated image.



### About Conference Venue

IBC 2012 will be held at the Kobe International Conference Center (KICC) within the Kobe Convention Center Complex, located on Port Island, an artificial island in Kobe. It features a combination of extensive conference facilities, modern and affordable accommodations, and a rapid and efficient transportation system.



### Access to KOBE



#### Closest International Airport

Kansai International Airport (KIX)	
Bay Shuttle + Port Liner	40min
Limousine Bus + Port Liner	80min
Shuttle Taxi	80min

#### Access Via Other Japanese Airports

Tokyo (Narita International Airport) (NRT)	
NEX & Shinkansen	60min & 2hr 48min

### Conference Organization

#### Organizing President

Kaye E. Basford, University of Queensland, Australia

#### International Programme Committee Chair

Christine McLaren, University of California, USA

#### Local Organizing Committee Chair

Toshiro Tango, Center for Medical Statistics, Japan

### Scientific Programme

- Opening ceremony and IBS Presidential address
- Full programme of invited oral sessions
- Contributed oral and poster sessions
- Sessions highlighting the society's publications Biometrics and JABES
- Pre-conference short courses
- Young Statisticians Showcase

### Social Programmes

- Sunday 26** Welcome gathering at KICC
- Wednesday 29** Range of social excursions (one-day)
- Thursday 30** Conference dinner

### Important Dates

#### Submission and Registration

- 5th September 2011** Final selection of invited sessions
- 15th October 2011** Call for submission of contributed papers opens
- 4th January 2012** Early Bird Registration opens
- 15th January 2012** Deadline for submission of contributed papers
- 31st March 2012** Notification of acceptance and allocation (oral or poster)
- 30th April 2012** Deadline for Early Bird Registration
- 31st July 2012** Deadline for non-Early Bird Registration

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## Invited Programme

The call for proposals for Invited Sessions at IBC Kobe 2012 was issued at the IBC in Floripa in December 2010. By the deadline in September 2011, 35 proposals had been received by the Chair of the International Programme Committee, Christine McLaren. Following two rounds of assessment by the members of the International Programme Committee and a final list of 14 Invited Sessions has now been agreed (full details available on web-site):

### Programme (Invited Programme)

- ▶ Novel statistical methodology and its application in marine ecology and fisheries research
- ▶ The landmark approach to event history analysis
- ▶ Statistical challenges in the analysis of rare genetic variants in association studies
- ▶ Advances in spatial latent variable modeling, with applications to bio-sciences
- ▶ New developments in statistical ecology
- ▶ Approximate Bayesian computation (ABC) and likelihood-free inference
- ▶ Design and analysis of clinical trials for predictive medicine: new paradigm and challenges
- ▶ HER databases and long term observational studies in the study of quality of care assessment and risk factors for outcomes-Bayesian and Frequentist methods and limitations on inference
- ▶ Data visualization: optimization and applications
- ▶ Novel mixture modelling and likelihood methods in modern biomedical applications
- ▶ Exposure reconstruction and exposure uncertainty in epidemiological studies of radiation health effects
- ▶ Statistical methods for reducing batch effects, summarization and gene filtering in high-throughput genomic data
- ▶ International collaborations and networking of the biometricians to develop statistical methodologies and to solve global statistical issues
- ▶ Statistical methods for analyzing neurophysiological signals

In addition to this invited scientific program, there will be a number of special sessions arranged by the society, including showcase sessions for each of our journals, Biometrics and JABES, the Young Statisticians Showcase and a Satellite Meeting organized by Japanese Region.

## Pre-conference short courses

Information on short courses scheduled on August 26 will be announced shortly.

## Registration

Registration for IBC Kobe 2012 will open in 4th January 2012, with a deadline for the reduced "Early Bird" registration fees of April 30th, 2012. The registration will be online via the conference web-site.

All quoted fees are in Yen, the Japanese currency. Payment is also required in Yen.

### Registration Fees

	Before April 30th / After April 30th
IBS Member Registration Fee	¥50,000 / ¥70,000
SCC <sup>1</sup> Registration Fee	¥20,000 / ¥28,000
Student Registration Fee	¥20,000 / ¥28,000
SCC <sup>1</sup> Student Registration Fee	¥15,000 / ¥21,000
Non-Member Registration Fee	¥70,000 / ¥100,000
SCC <sup>1</sup> Registration Fee	¥28,000 / ¥40,000
Student Registration Fee	¥20,000 / ¥28,000
SCC <sup>1</sup> Student Registration Fee	¥15,000 / ¥21,000
Accompanying Persons Programme	¥4,000 / ¥5,000

<sup>1</sup>SCC = Special Circumstance Country

## Call for Papers

Abstracts for contributed oral and poster presentations to be presented at IBC Kobe 2012 can be submitted online from 15 October 2011 until 15 January 2012 inclusive.

The mission of the IBS is "to promote the development and application of statistical and mathematical theory and methods in the biosciences, including agriculture, biomedical science and public health, ecology, environmental sciences, forestry, and allied disciplines". Contributions at the conference are therefore welcome across a wide range of both methodological topics and application areas relevant to the mission of the IBS.

The following list provides an indication of the areas that have been covered at previous conferences and will be covered at the coming conference, but these should not limit what you submit.

- ▶ Agricultural research
- ▶ Ecological research (including forestry, fisheries and wild life)
- ▶ Genetic research (non human)
- ▶ Genetic research (human)
- ▶ Environmental research
- ▶ Infectious diseases and control
- ▶ Epidemiological research
- ▶ Epidemiological research for radiation exposure
- ▶ Measurement and analysis of radioactivity and radiation exposure
- ▶ Design and analysis of toxicology and pharmacology
- ▶ Design and analysis of clinical trials
- ▶ Pharmacokinetics and pharmacodynamics
- ▶ Pharmacoepidemiology and post-marketing research / outcome research
- ▶ Risk analysis and risk management
- ▶ Medical research (including diagnostics research and medical decision making)
- ▶ Analysis of imaging and signal data
- ▶ Microarrays and omics data
- ▶ Biological networks
- ▶ Causal inference in clinical and epidemiological research
- ▶ Validity and reliability of measurements
- ▶ Bayesian methods
- ▶ Survival data analysis
- ▶ Longitudinal data analysis / mixed effects model
- ▶ Missing and incomplete data
- ▶ Categorical data analysis
- ▶ Spatial data analysis
- ▶ Multiple testing and adjustments for multiplicity
- ▶ Computer intensive methods and software development
- ▶ Statistical graphics

## Local Organizing Committee

Toshiro Tango (Chair)  
Chikuma Hamada  
Yukio Hatoyama  
Manabu Iwasaki  
Hirohisa Kishino  
Thomas Louis  
Yutaka Matsuyama  
Mihoko Minami  
Tetsuhisa Miwa  
Toshihiko Morikawa  
Yasuo Ohashi  
Takashi Omori  
Tosiya Sato  
Hiroe Tsubaki  
Hiroyuki Uesaka  
Kazue Yamaoka  
Hao Yan

