East Asia Regional Biometric Conference 2007

EAR-BC 2007
Final Announcement

9-11 December 2007
University of Tokyo, Japan

wwwsoc.nii.ac.jp/jbs/index_e.html

EAR-BC'07 Tokyo Japan Final Conference Program December 2007

Sunday 9	Monday 10	Tuesday 11
08:30-17:00 Registration	08:30-17:00 Registration	08:30-11:00 Registration
08:55-09:00 Opening Address		
09:00-10:30 Opening Ceremony	**09:00-10:30 Invited Session: Bioinformatics**	**09:00-10:30 Contributed Session: Biostatistics in General**
10:30-11:00 Coffee Break	10:30-11:00 Coffee Break	10:30-11:00 Coffee Break
11:00-12:30 Invited Session: Clinical Trials	**11:00-12:00 Keynote Lecture**	**11:00-12:30 Contributed Session: Clinical Trails 2**
12:30-14:00 Lunch	12:00-13:30 Lunch	**12:30-12:35 Closing Remarks**
14:00-15:30 Contributed Session: Epidemiology	**13:30-15:00 Invited Session: Epidemiology**	**13:30-17:30 Domestic Meeting Biometric Seminar: Global Clinical Trials (Sponsored by JBS)**
15:30-16:00 Coffee Break	15:00-15:30 Coffee Break	
16:00-17:30 Contributed Session: Bioinformatics	**15:30-17:00 Contributed Session: Clinical Trials 1**	
	17:30-20:00 Conference dinner	
(During the day) **Poster Session**	(During the day) **Poster Session**	

Welcome

On behalf of the Organizing and Scientific Programme Committee, it is a great pleasure to invite you to attend the first Regional Conference of East Asia Regions of the International Biometric Society. It will bring participants from East Asia Regions working in academic institutions, regulatory agencies, and industry together to present new research on the latest advances in biometry, biostatistics and bioinformatics. One of the aim of the conference is to allow participants from East Asia countries as well as different parts of the world to exchange ideas and to establish long-term collaborative relationships. These sessions included prominent representatives from a range of different disciplines in these fields. Three-day conference includes invited sessions, contributed sessions and poster presentations.

In December, Tokyo is usually sunny but somewhat cold. The winter nights are always illuminated with Christmas display. We hope you enjoy staying in Tokyo and also a plenty of the intellectual conversations at conference.

Conference Website

http://wwwsoc.nii.ac.jp/jbs/index_e.html

Organizing and Scientific Programme Committee

Chair *Toshiro Tango*, National Institute of Public Health (Japan)
Secretary *Kazue Yamaoka*, National Institute of Public Health (Japan)
Treasurer *Chikuma Hamada*, Tokyo University of Science (Japan)

Scientific Programme Chair *Tosiya Sato*, Kyoto University (Japan)
Members
  Manabu Iwasaki, Seikei University (Japan)
  Hirohisa Kishino, University of Tokyo (Japan)
  Masaaki Matsuura, Japanese Foundation for Cancer Research (Japan)
  Yutaka Matsuyama, University of Tokyo (Japan)
  Mihoko Minami, Institute of Statistical Mathematics (Japan)
  Toshihiko Morikawa, Kurume University (Japan)
  Yasuo Ohashi, University of Tokyo (Japan)
  Hironori Sakai, Mitsubishi Pharma Corporation (Japan)
  Hiroyuki Uesaka, Lilly Research Laboratories Japan (Japan)
  Takashi Yanagawa, Kurume University (Japan)
  Thomas Louis, IBS President, Johns Hopkins University (USA)
  Ashwini Mathur, IBS General Secretary, Novartis International Clinical Development Center (India)
  Taerim Lee, Korean Region President, National Open University (Korea)
  Seungho Kang, Korean Region Secretary, Ewha Women's University (Korea)
  Byung Soo Kim, Yonsei University (Korea)
  H. Sridhara, Indian Region President, University of Agricultural Sciences (India)
  Ji-Qian Fang, National Group China Secretary, *SunYat-Sen* University of Medical Science (China)
  Ayanendranath Basu, Indian Statistical Institute (India)

Registration

To avoid difficulties and troubles regarding payment of registration fee, On-site payment only is acceptable at the registration desk during the EAR-BC'07. Payment for all registration fees should be made in Japanese yen (cash only) as follows:

・**Registration fee**

Industry: JPY 30,000yen
Academic: JPY 10,000yen
Student: JPY 5,000yen
Attendants from Asian countries other than Japan JPY 5,000yen

Registration is available only by E-mail. If your industry have already registered as a corporate member, it is not necessary to conduct E-mail registration. You can register the EAR-BC'07 by sending E-mail with title "Registration on EAR-BC'07" including the following information to biometrics@sinfonica.or.jp .

Required information for the registration

Registration Type:
   (Industry/Academic/Student/Attendants
   from Asian countries)
Title: (Mr. / Ms. / Dr. / Prof), Name
         (First Name/Last Name)
Institute/Organization:
Department/Division:
Address/Country:
Postal code:
E-mail:

Please type your E-mail address very carefully. The deadline for the registration is 30 November 2007. If you have any questions on the registration, please send an E-mail to the address hamada@ms.kagu.tus.ac.jp.

Accommodation

In the vicinity of the conference site, a wide range of hotel accommodation is available and a list of less expensive hotels is listed together with a room rate (single room) as below. However, we strongly recommend that speakers from foreign countries stay at Tokyo Dome Hotel for convenience.

・Tokyo Dome Hotel: 15200 yen-
   http://www.tokyodome-hotels.co.jp/e/
   HP in Chinese and Korean language is available

・Forest Hongo: 10164yen-
   http://www.forest-hongo.com/English/HotelInformation.htm

・Hotel Kizankan: 7350yen-
   http://www4.ocn.ne.jp/~kizanweb/

・Tokyo Garden Palace: 9702yen-
   http://www.hotelgp-tokyo.com/
   (Japanese only)
   Address 1-7-5 Yushima, Bunkyo-ku, Tokyo, 113-0034 Tel +81 (0)3 3813 6211 Fax +81 (0)3 3818 6060

・HOTEL OCHANOMIZU INN: 7980yen-
   http://www.o-inn.co.jp/english_index.htm

・ Tokyo Green Hotel Ochanomizu:
   8400yen-
   http://www.greenhotel.co.jp/en/hotel_list/ochanomizu.html

・Japanese style Inn
SAWANOYA RYOKAN: 4935 yen-
   http://www.tctv.ne.jp/members/sawanoya/

General Information

Conference Secretariat

Yoko Nezu

E-mail: yokon@niph.go.jp

Department of Technology Assessment and Biostatistics, National Institute of Public Health, 2-3-6 Minami, Wako-shi, Saitama-ken, 351-0197, Japan

Tel:+81 48 458 6223, Fax:+81 48 469 3875

Registration Office

Chikuma Hamada

Treasurer, Organizing and Scientific Programme Committee

E-mail: hamada@ms.kagu.tus.ac.jp

Faculty of Engineering, Tokyo University of Science, 1-3 Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan

Tel:+81 35 228 8712, Fax:+81 35 213 1341

Scientific Communication

Tosiya Sato

Scientific Programme Chair, Organizing and Scientific Programme Committee

E-mail: shun@pbh.med.kyoto-u.ac.jp

Department of Biostatistics, Kyoto University School of Public Health, Yoshida Konoe-cho, Sakyo-ku, Kyoto, Japan

Conference Venue

The University of Tokyo Yayoi Auditorium Ichijo Hall, Department of Agriculture, University of Tokyo, 1-1-1 Yayoi, Bunkyo-ku, Tokyo, 113-8657, Japan

Tel. +81 3 5841 8205

Website:

http://www.a.u-tokyo.ac.jp/yayoi/index.html

Important Social Programme

Conference Dinner will take place at Capo PELLICANO on Monday 10 17:30-20:00 (Med. Experimental Research Bldg. 13F)

Website:

http://www.u-tokyo.ac.jp/campusmap/restaurantmap.pdf   (Restaurant No.21)

With a lot of atmosphere of Edo era, "MOTI- TUKI" (a rice cake making show) will be presented by "IWAI-GUMI". The "IWAI- GUMI" is a performance group of a rice cake making show with dressing-up costume of "MATOI" (a fireman's standard) and "SISI- GASIRA" (a lion mask).

MOTI-TUKI is Japanese traditional and one of the most familiar celebratory occasion wishing happiness, health, and welfare. Please take part with your family and friends. LET'S ENJOY!

Fee   JPY   5,000yen

Official Language

The official Language of the Conference will be English. Simultaneous translation will not be provided.

Name Badges

All participants and accompanying persons must wear the Congress identification badge in a visible place. Entrance to meeting hall, poster and exhibition areas will not be permitted to any person without badge.

Visual Equipment

The meeting hall will be equipped with overhead and data projectors as well as PC for speakers needs. Speakers are kindly requested to check and deliver their presentation to visual reception at least one hour before scheduled presentation. Due to changes in computer configuration, laptops will not be accommodated.

Letter of Invitation

The Conference Secretariat will be pleased to provide you with an official letter of invitation. Please note that such letters cannot grant any financial support. Requests should include participant's full mailing address and fax number for reply. Inquiries can be sent to the Conference Secretariat.

Liability and Insurance

The organizers have no responsibility whatsoever for injury or damage involving persons and property during the Congress. Participants are advised to carry their own personal insurance during their stay in Japan.

Traveling, Passport, Visa

All foreign visitors entering Japan must possess valid passports. Visa is not required from citizens of most foreign countries. Participants should check with travel agents or diplomatic missions in their own countries, whether of not visa is required.

Banks & Currency

Most banks are open Monday to Friday from 9:00am to 3.00pm.

Climate and Clothing

In December the weather is cold during the whole day, so for all outdoor events, a coat or a light sweater will be sometimes useful. Mean temperature ranges from 5-13 C.

Tipping

For taxi and restaurants the service charge is included in the price. You may add a tip at your own discretion to indicate appreciation of exceptionally good service.

Scientific Program

Sunday, December 9, 2007   8:55-17:00

8:30-17:00 Conference registration

8:30	OPEN Registration
8:55-9:00	**Opening Address:** *Toshiro Tango,* Japanese Region President
9:00-10:30	**Opening Ceremony: Introduction to IBS and its regional activities** Chair: *Ashwini Mathur* (the IBS General Secretary, Indian Region)
	Thomas Louis (the IBS President, ENAR) "Our Future as History"
	Jiqian Fang (National Group China Secretary) "Outcome Measurement for TCM and Challenge to Statistics"
	H. Sridhara (Indian Region President) "Sixty years of IBS (IR) and future of Biometry in India"
	Taerim Lee (Korean Region President) "Web Based Biostatistics Education Hub for East Asian Region"
	Toshiro Tango (Japanese Region President) "Major Activities of Biometric Society of Japan and Japanese Biostatisticians: Past, Present and Future"
10:30-11:00	Coffee Break
11:00-12:30	**Invited Session: Clinical Trials** Chair: *Shigeyuki Matsui* (Kyoto University School of Public Health, Japan)
	Yuantao Hao (Sun Yat-sen University, China)*, Jiqian Fang, Xinyuan Song* "Non-linear Factor Analysis Model and its Application to Evaluating the Equivalence of Questionnaires"
	Satoshi Morita (Kyoto University Hospital, Japan) "Determining the Effective Sample Size of a Parametric Prior"
	Masako Nishikawa (National Institute of Public Health, Japan)*, Toshiro Tango, Megu Ohtaki* "Simple Statistical Tests for New Composite Hypotheses in Randomized Clinical Trial Reflecting the Relative Clinical Importance"
12:30-14:00	Lunch Break
14:00-15:30	**Contributed Session: Epidemiology** Chair: *Yutaka Matsuyama* (University of Tokyo, Japan)
	Ya Fang (University of Xiamen, China) "Probability Prediction in Multistate Survival Models for Patients with Chronic Myeloid Leukaemia"
	Sachiko Tanaka (Tokyo University of Science, Japan) "Inverse Probability Weighted Estimators in the Stratified Nested Case-Control Sampling Methods"
	Koji Yonemoto (Kyushu University, Japan)*, Atsushi Kawaguchi, Yumihiro Tanizaki, Yutaka Kiyohara, Takashi Yanagawa, Young K. Truong* "Application of Functional ANOVA Models for Hazard Regression to the Hisayama Data"
	Shizue Izumi (Oita University, Japan)*, Yoshinori Fujii* "Estimating the Power of the Likelihood Ratio Test in the Cohort-Based Nested Case-Control Studies"
15:30-16:00	Coffee Break

16:00-17:30	**Contributed Session: Bioinformatics** Chair: *Seiya Imoto* (University of Tokyo, Japan)
	Tomonori Oura (Kyoto University School of Public Health, Japan), *Shigeyuki Matsui, Koji Kawakami* "Sample Size Calculations Based on Exact Distribution of False Discovery Proportion in Microarray Experiments"
	Akihiro Hirakawa (Pharmaceuticals and Medical Devices Agency, Japan), *Yasunori Sato, Chikuma Hamada, Isao Yoshimura* "A Test Statistic Based on Shrunken Sample Variance for Identifying Differentially Expressed Genes in Microarray Data Analysis"
	Yoichi M. Ito (University of Tokyo, Japan), *Yasuo Ohashi* "Measurement Scale Categorization and Its Resolution. A Gene Reduction Approach to the Microarray Data Analysis"
	Takeharu Yamanaka (National Kyushu Cancer Center, Japan), *Shigeyuki Matsui* "Survival Prediction Using Top Ranking Significant Genes in Cancer Prognostic Studies with Microarrays"
	Mira Park (Eulji University, Korea), *Yoo-Jin Jang, Myung-Hoe Huh* "Applications of Minimal Spanning Tree and Self-Organizing Map in Microarray Data Analysis"

Monday, December 10, 2007   8:55-17:00

8:30-17:00 Conference registration

9:00-10:30	**Invited Session: Bioinformatics** Chair: *Masaaki Matsuura* (Japanese Foundation for Cancer Research, Japan)
	Jae Won Lee (Korea University, Korea), *JungBok Lee, Shin-Jae Lee* "Statistical Tools for Protein Identification Based on Mass Spectrometry Data: A review"
	Seiya Imoto (University of Tokyo, Japan) "Bioinformatics Approach Towards Drug Target Gene Discovery"
	Masaru Ushijima (Japanese Foundation for Cancer Research) "Analyses of OMICS Data in Medical Informatics"
10:30-11:00	Coffee Break
11:00-12:00	**Keynote Lecture** Chair: *Thomas Louis* (Johns Hopkins Bloomberg School of Public Health, USA)
	Toshiro Tango (National Institute of Public Health, Japan) "Tests for Spatial Randomness: Detection of Disease Clustering and Outbreak Threat"
12:00-13:30	Lunch Break
13:30-15:00	**Invited Session: Epidemiology** Chair: *Tosiya Sato* (Kyoto University School of Public Health, Japan)
	Ayanendranath Basu (Indian Statistical Institute, India), *Sumit Gupta, Wen-tao Huang* "Tests of Hypothesis about the Kappa Statistic based on the Goodness-of-fit Approach"

	Satoshi Hattori (Kurume University, Japan), *Takashi Yanagawa* "Mantel-Haenszel Estimators for Irregular Sparse K 2 X J Tables"
	Kunihiko Takahashi (National Institute of Public Health, Japan), *Toshiro Tango* "Scan Statistics for Disease Clustering"
15:00-15:30	Coffee Break
15:30-17:00	**Contributed Session: Clinical Trials 1** Chair: *Satoshi Morita* (Kyoto University Hospital, Japan)
	Shiro Tanaka (University of Tokyo, Japan), *Yutaka Matsuyama, Yasuo Ohashi* "Estimating Surrogate Endpoints Defined by Principal Causal Effects"
	Anthony Hayter (University of Denver, USA), *Chen-ju Lin* "Recent Advances in Stepdown Procedures for Identifying Inferiority Among Treatments in Clinical Trials"
	Takahiro Hasegawa (SHIONOGI & CO., LTD., Japan), *Toshiro Tango* "Permutation Test Following Covariate-Adaptive Randomization in Randomized Controlled Trials"
	Tetsuhisa Miwa (National Institute for Agro-Environmental Sciences, Japan) "Comparisons Between Three Treatments Including a Placebo and a Control by the Multiple Confidence Procedure"

17:30-	**Conference Dinner at Capo PELLICANO**

Tuesday, December 11, 2007   9:00-12:35

8:30-11:00 Conference registration

9:00-10:30	**Contributed Session: Biostatistics in General** Chair: *Shizue Izumi* (Oita University, Japan)
	Lilia L. Ramirez-Ramirez (University of Waterloo, Canada), *Mary E. Thompson* "Statistical Inference for Outbreaks in a Population with a Contact Network Structure"
	Takashi Omori (Kyoto University School of Public Health, Japan), *Takashi Sozu, Isao Yoshimura* "Several Challenges by Biostatisticians for Developing a New Animal Test Method"
	Hyonggin An (Korea University, Korea) "Bayesian Analysis of Repeated Data with Many Zeros: Application to the Longitudinal Adolescent Substance Abuse Study"
	Tetsushi Komori (Bayer Yakuhin, Ltd., Japan), *Takashi Ohmori, Tosiya Sato* "Consistency of Signal Measures with Epidemiologic Effect Measures"
10:30-11:00	Coffee Break
11:00-12:30	**Contributed Session: Clinical Trails 2** Chair: Osamu Komiyama (Pfizer Japan Inc., Japan)
	KyungMann Kim (University of Wisconsin-Madison, USA) "An Independent Statistical Center in Support of the Data and Safety Monitoring Board: The Adenoma Prevention with Celecoxib (APC) Trial"
	JungBok Lee (Korea University, Korea) "An Improved Estimating Method of QT interval for Adjusting Heart Rate: A Multivariate Approach"

	Masayuki Henmi (Institute of Statistical Mathematics, Japan)*, John B. Copas, Shinto Eguchi* "A Sensitivity Analysis Allowing for All Possible Selection Processes of Studies in Meta Analysis"
	Hiroyuki Uesaka (Eli Lilly Japan, Japan) "Sample Size Allocation to Regions in a Multiregional Trial"
12:30-12:35	**Closing Remarks**: *Tosiya Sato,* Scientific Program Chair

Poster Session, December 9-10

During day	Poster Session
P01	*Satoshi Teramukai* (Kyoto University Hospital, Japan)*, Satoshi Morita* "Bayesian Predictive Multi-Stage Design for Phase II Single-Arm Clinical Trials: A Case Study"
P02	*Hyo-Il Park* (Chong-ju University, Korea)*, Soo-Duck Lim, Joong-Jae Cho* "Hypothesis Test Under the Additive Hazards Model"
P03	*Masahiko Gosho* (Kowa Co. Ltd., Japan)*, Chikuma Hamada, Isao Yoshimura* "Study on the Criterion for Selecting the Working Correlation Structure in Generalized Estimating Equation"
P04	*Yumiko Uematsu* (Tokyo University of Science, Japan)*, Chikuma Hamada, Isao Yoshimura* "Statistical Method for Evaluating the Efficacy of a Drug for Osteoporosis on the Occurrence of Bone Fractures as the Primary Endpoint"
P05	*Masayuki Yamada* (Tokyo University of Science, Japan)*, Chikuma Hamada, Isao Yoshimura* "Study on the Effect of Random Effects Included in the Analysis Model for In Vitro Pharmacological Data Adaptable to Four Parameter Logistic Model"
P06	*Tetsuji Tonda* (Hiroshima University, Japan)*, Kenichi Satoh, Hiromi Kawasaki, Takeshi Shimamoto, Teruyuki Nakayama, Kota Katanoda, Tomotaka Sobue, Yasuto Sato, Naohito Yamaguchi, Megu Ohtaki* "Statistical Analysis of Spatial-Time Heterogeneity of Cancer Mortality Risk Based on Growth Curve Model"
P07	*Kenichi Satoh* (Hiroshima University, Japan)*, Hirokazu Yanagihara* "Modified Cp in Multivariate Ridge Regression"
P08	*Keiichi Sugino* (Mitsubishi Tanabe Pharma Corporation, Japan)*, Yasuo Ohashi, Qian Gong* "Multinational Clinical Trials in East Asia"
P09	*Keiko Otani* (Hiroshima University, Japan)*, Megu Ohtaki, Keiko Hiyama, Kenichi Satoh, Eiso Hiyama* "Two Dimensional Summarization for Affymetrix GeneChip Probe Level Data Based on Functional States of Gene-ON/OFF"
P10	*Kazue Yamaoka* (National Institute of Public Health, Japan)*, Toshiro Tango* "Effects of Lifestyle Modification on Metabolic Syndrome: Resolution Rate and Combining Multiple Endpoints in Meta-Analysis"
P11	*Mihoko Minami* (Institute of Statistical Mathematics, Japan) "A New Feature Extraction Method from very Non-Normal Data: Analysis of Multivariate Catch and Bycatch Data by Purse-Seine Tuna Fisheries"
P12	*Yukikazu Hayashi* (Tokyo University of Science, Japan)*, Chikuma Hamada, Isao Yoshimura* "Statistical Pharmacokinetic Modeling of Controlled-Release Analgesics combining Immediate-Release and Sustained-Release Components to design an appropriate Drug Delivery"

Domestic Meeting

December 11, 2007 13:30-17:00

Biometric Seminar: Global Clinical Trials (Sponsored by Japanese Biometric Society)

Contributed Paper & Poster Sessions

Oral Session

Please come to the Ichijo Hall at least 10 minutes before your session's starting time and meet with your chairperson, who is supposed to confirm all speakers of the session.

An LCD projector is available for presentation. Notebook computers can be connected to analog RGB interfaces.

Instructions for Speakers in Oral Sessions

- Oral presentations are scheduled so that each speaker will have at least 15 minutes.
- An LCD projector can be used. If you would like to use OHP, please contact with EAR-BC'07 staff.
- Your own notebook computer can be connected to an LCD projector which has an analog RGB interface (DSUB15).
- If you don't bring a notebook computer, please contact with EAR-BC'07 staff members. Please prepare your presentation file which can work on Microsoft PowerPoint 97-2003.
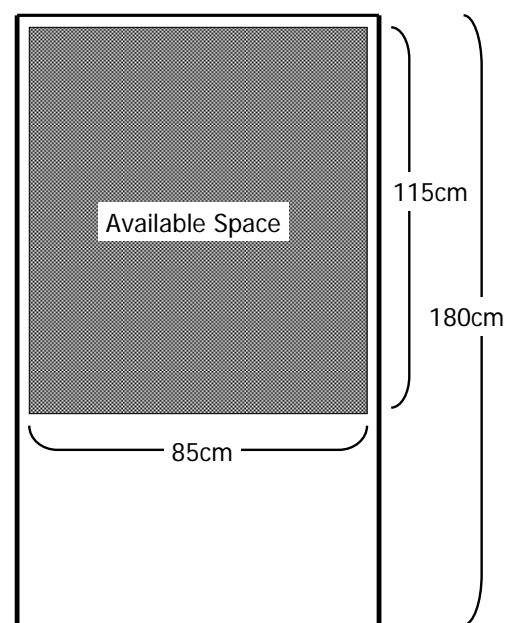
Poster Session

Posters will be on display at the lobby of the conference venue. Posters may be mounted on the morning of December 9th (at or before the coffee break). Your poster has been assigned a specific "poster number" that corresponds to a specific portion of a poster board.

Your poster is to be displayed for 2 days. In order to ensure that those who wish to discuss it with you have a chance to do so, it is highly recommended that you be at your poster during each of the scheduled coffee breaks. Posters must be removed by 17:00 on December 10th.
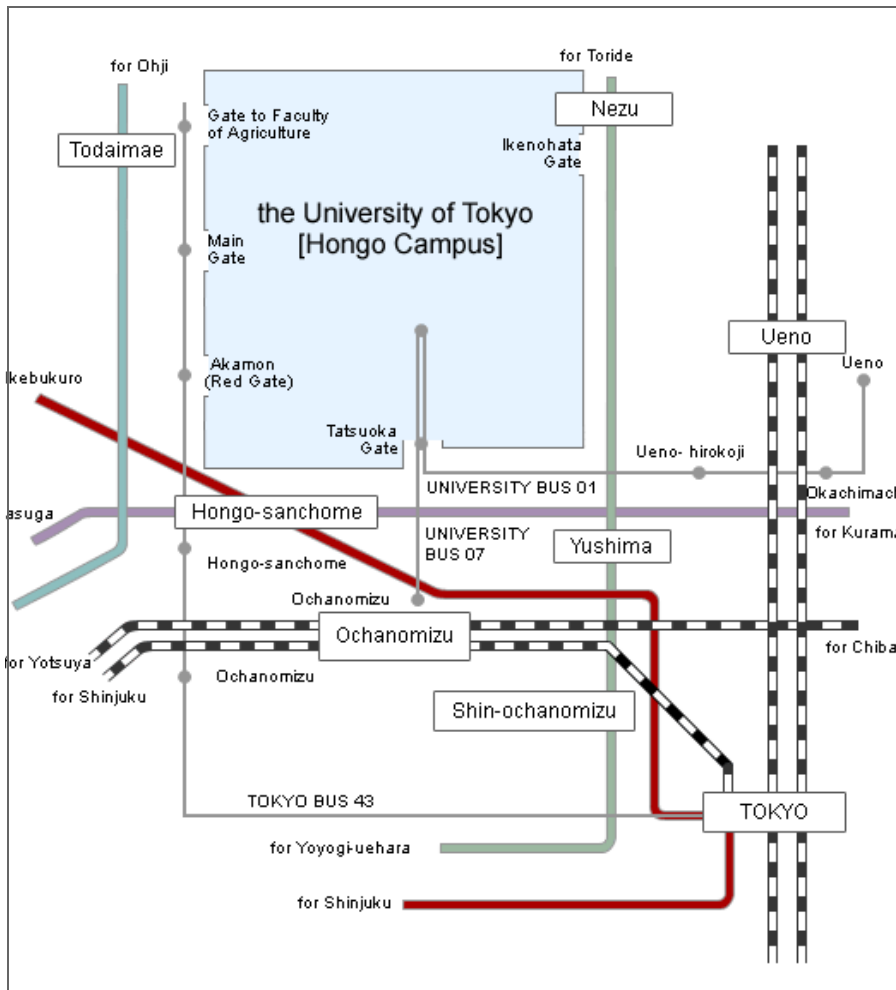
Instructions for Presenters in Poster Session

Available space for each poster is: Width 85cm and Height 115cm.

Access Map

Hongo-sanchome Station.
(Subway Marunouchi Line)
8 min. walk
Hongo-sanchome Station.
(Subway Oedo Line)
6 min. walk
Yushima Station or Nezu Station
(Subway Chiyoda Line)
8 min. walk
Todaimae Station.
(Subway Namboku Line)
1 min. walk
Kasuga Station.
(Subway Mita Line)
10 min. walk

Map of Hongo Campus (Yayoi Auditorium)

Conference Dinner
Restaurant Capo
PELLICANO
(Med. Experimental
Research Bldg. 13F)
+81 03-5841-1527

Conference Venue
Yayoi Auditorium
Ichijo Hall
+81 3 5841 8205