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TOKYO

μTAS2006 in Tokyo

Tokyo is located in the center of Japan, geographically, as well as in the other aspects: economy, culture and politics. Tokyo International Forum is in the heart of Tokyo.

Characteristic glass structure that is visible from the Yurakucho station on JR train line, one stop away from Tokyo station, is the Tokyo International Forum, the home for μTAS 2006. Constructed from steel frame and mega-truss with glass curtain walls, it looks like a huge boat made of glass from inside the building.

The Forum is adjacent to Marunouchi area, known for the streets lined with major corporate headquarters. Extending to the south east of the conference center is Ginza, the synonym for the most distinguished shopping area in Japan, where shoppers will find numerous shops and restaurants. And to the west, stretches the Imperial Palace, the home of Japanese imperial family, surrounded by the historic moats, and well-tended lawn scattered with sculptured pines.

Five subway lines service the conference hall, which will allow participants to visit almost anywhere in Tokyo: museums, temples, fish market, amusement parks and universities. And Yurakucho station, across the street from the conference center, is connected to the national railway system.

For the foreign visitors, shuttle buses from Narita international airport serve major hotels and train stations in Tokyo area and there is Narita express train that directly connects the Airport and the city at Tokyo station, which is only one stop away from Yurakucho station.

Second Call for Papers



**The 10th
International Conference on Miniaturized Systems
for Chemistry and Life Sciences**

μTAS2006
November 5 - 9, 2006
Tokyo International Forum



Co-Sponsored by:
Society for Chemistry and Micro-Nano Systems
Chemical and Biological Microsystems Society

<http://www.conferences.jp/microtas2006>

WELCOME



It is our great pleasure to host the 10th International Conference on Miniaturized Systems for Chemistry and Life Sciences (μTAS2006) in the heart of Tokyo, in the Tokyo International Forum on November 5-9, 2006.

This is the 10th anniversary in a series of μTAS meetings that covers all topics related to research on integrated microsystems and nanotechnology for chemistry and life sciences.

Organizing Committee invites submission of original abstracts addressing the advances and applications of these technologies for oral and poster presentations.

IMPORTANT DATES

April 15 Abstract Deadline
June 9 Author Notification
August 1 Manuscript Deadline
September 30 Early Registration Deadline

CALL FOR ABSTRACTS

The μTAS2006 Program Committee encourages submission of original work for either oral or poster presentation. Submitted abstracts should be two-pages: one text page (500 words or less. 12 points font size) and one page of figures and tables.

Abstract should describe original work not previously published. Abstracts will be assessed according to the novelty of the work. Strong emphasis is put on demonstrated results (data) and the clarity of the description. It is essential that figures supporting the claims in the abstract are included.

Abstracts must be submitted on-line via the conference web-site. Please check the web-site for more information.

<http://www.conferences.jp/microtas2006>

SCOPE OF CONFERENCE

We are giving you some sample keywords to help you select an appropriate category.

BASIC TECHNOLOGIES & SCIENCE

- 1. Micro & Nano Fluidics**
pumping method, fluid control method, microPIV, CAD, simulation, actuator
- 2. Micro & Nano Fluidic Devices**
pump, valve, mixer, reactor, filter, sorter, sample injector, channel, needle, flow sensor, electrode
- 3. Micro & Nano Fabrication**
micromachining, etching, bonding, molding, imprint, lithography
- 4. Packaging & Interface**
assembly, packaging method, connector
- 5. System Technology**
integration, automation, arrayed system, multiplexing
- 6. Material & Surface**
polymer, metal, glass, beads, nanotube, coating, surface modification, particles, QD
- 7. Detection Technology**
optical sensing, electrochemical sensing, mass spectroscopy, SPM, Raman, THz
- 8. Micro & Nano Chemistry**
reaction kinetics study, transport phenomena, interface characterization, liquid properties
- 9. Micro & Nano Biology**
artificial cell, single cell biology, cell membrane

APPLICATIONS

- 11. Genomics & Proteomics**
peptide profiling, protein crystallization, PCR, gene expression
- 12. Medical & Clinical**
diagnosis, blood analysis, virus detection, pathogen, immunoassay, diagnosis, point of care, blood cell separation
- 13. Chemical Synthesis**
microreactor, parallel synthesis, reaction intermediate, purification
- 14. Separation Science**
chromatography, electrophoresis, CE, column separation, extraction
- 15. Cell Handling & Analysis**
cell sorting, cell adhesion, cell trapping, cell array, cell cycle, cell lysis
- 16. Combinatorial Chemistry**
combinatorial chemistry, library, high-throughput screening, automation
- 17. Drug Discovery**
drug screening, drug discovery target, drug candidate
- 18. Environmental**
fuel cell, water analysis, pollution analysis, green chemistry
- 19. Others**

ABSTRACT SUBMISSION

Deadline for Abstract Submission is April 15, 2006.

Abstracts must be submitted on-line via the conference web-site. Please check the web-site for submission procedure.

<http://www.conferences.jp/microtas2006>

When you prepare the PDF file, make sure to embed language-specific fonts or avoid using such fonts. (i.e. Japanese, Korean, Chinese, etc.)

REVIEW AND PROCEEDINGS

The Program Committee will review all contributed abstracts and authors will be notified by June 9, 2006. Authors of accepted papers (oral and poster) will be required to submit an extended abstract by August 1 for inclusion in the conference proceedings in print and on CD-ROM to be distributed to the conference participants on site. Guidelines for preparation of manuscript will be announced at the time of author notification.

Authors of the accepted papers are also expected to attend the conference in Tokyo, Japan to present the paper in oral or poster presentation.

10th ANNIVERSARY EXHIBITION

To celebrate the 10th anniversary of the conference, we have planned a special exhibition to reflect on the developments of micro-chip technology over the last decade.

FURTHER INFORMATION AND INQUIRY

μTAS2006 Conference
c/o Echizen & Associates
603, Shinjuku Tokan Bldg.
3-6-5, Nishi Shinjuku
Tokyo, 160-0023 Japan
phone 81-3-3346-8007, fax 81-3-3346-8002
e-mail microtas2006@conferences.jp

<http://www.conferences.jp/microtas2006>