The 15th International Conference On Miniaturized Systems For Chemistry and Life Sciences

µTAS 2011

SEATTLE
WASHINGTON

OCTOBER 2-6, 2011

CALL FOR PAPERS AND ADVANCE ANNOUNCEMENT

The Fifteenth International Conference on Miniaturized Systems for Chemistry and Life Sciences (µTAS 2011) will be held at the Washington State Convention Center in Seattle, Washington from October 2-6, 2011.

µTAS 2011 continues a series of Conferences that are the premier forum for reporting research results in microfluidics, microfabrication, nanotechnology, integration, materials and surfaces, analysis and synthesis, and detection technologies for life science and chemistry. The Conference offers plenary talks as well as contributed oral presentations and posters selected from submitted abstracts. Following Boston 2005, Tokyo in 2006, Paris in 2007, San Diego in 2008, Jeju in 2009, and Groningen in 2010, we anticipate over 900 international scientists and professionals engaged in research on and in the use of integrated microsystems and nanotechnology for chemistry and life sciences.

TOPICS

LIFE SCIENCE APPLICATIONS
- Genomics & Proteomics
- Drug Development
- Cell Culture / Handling / Analysis

MICROREACTION APPLICATIONS
- Flow Chemistry / Synthesis
- In-Line Analysis / Process Control
- Integrated Synthesis & Work-up

MICROFLUIDIC FUNDAMENTALS
- Fluid Mechanics & Modeling
- Micro Liquid Handling
- Multi-Phase & Digital Microfluidics
- Multiscale/Integrative Microfluidics

INTEGRATED MICRO- AND NANOTECHNOLOGIES
- Genetic analysis systems
- Proteomic analysis
- Single or multicell analysis
- Forensics

NANOTECHNOLOGIES
- Nanofluidics
- Nanoengineering
- Nanobiotechnology
- Nanoassembly
- Nanostructured Materials

MEMS & NEMS TECHNOLOGIES
- Micro- & Nanomachining
- Microfluidic Components / Packaging
- Integration Strategies
- New Chip Materials
- Surface Modification

BENCH-TO-BEDSIDE
- Point-of-Care Testing
- Cell Sorting
- Cell Analysis
- Proteomics
- Genomics

IMAGING & DETECTION TECH.
- Flow Visualization
- Optical
- Electrochemical
- Mass Spectrometry

OTHER APPLICATIONS
- Environment
- Agriculture
- Separation Science
- Food & Nutrition
- Fuel Cells

IMPORTANT DEADLINES

Abstract Submission: May 10, 2011
Author Notification: June 30, 2011
Manuscript Deadline: July 19, 2011

CONFERENCE CHAIR

James P. Landers, *University of Virginia, USA*

Sponsored by: CBMS

THE CHEMICAL AND BIOLOGICAL MICROSYSTEMS SOCIETY

Please visit the MicroTAS 2011 website for further instructions and current developments regarding the Conference at

www.microtas11.org

or contact info@microtas11.org