



The 14th International Conference on Miniaturized Systems for Chemistry and Life Sciences

call for papers and advance announcement



The Fourteenth International Conference on Miniaturized Systems for Chemistry and Life Sciences (μ TAS 2010) will be held at the Martiniplaza Congress Center in Groningen, The Netherlands from 3-7 October 2010.

μ TAS 2010 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 in 2005, Tokyo in 2006, Paris in 2007, San Diego in 2008 and Jeju in 2009, 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.

important dates

ABSTRACT SUBMISSION DEADLINE: MAY 4, 2010
(FIRM SUBMISSION DEADLINE! No extensions after MAY 4, 2010)

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topics

1. **Life Science Applications**
 - 1.1 Genomics & Proteomics
 - 1.2 Clinical Diagnostics
 - 1.3 Point-of-Care Testing
 - 1.4 Drug Development
 - 1.5 Cell Culture / Handling / Analysis
 - 1.6 Others
2. **Microreaction Applications**
 - 2.1 Flow Chemistry / Synthesis
 - 2.2 In-Line Analysis / Process Control
 - 2.3 Integrated Synthesis & Work-up
 - 2.4 Others
3. **Other Applications**
 - 3.1 Environment
 - 3.2 Agriculture
 - 3.3 Separation Science
 - 3.4 Food & Nutrition
 - 3.5 Fuel Cells
 - 3.6 Others
4. **Microfluidics**
 - 4.1 Fluid Mechanics & Modeling
 - 4.2 Micro Liquid Handling
 - 4.3 Multi-Phase and Digital Microfluidics
 - 4.4 Multi-scale / Integrative Microfluidics
 - 4.5 Others
5. **Nanotechnologies**
 - 5.1 Nanofluidics
 - 5.2 Nanoengineering
 - 5.3 Nanobiotechnology
 - 5.4 Nanoassembly
 - 5.5 Nanostructured Materials
 - 5.6 Others
6. **MEMS & NEMS Technologies**
 - 6.1 Micro- & Nanomachining
 - 6.2 Microfluidic Components/Packaging
 - 6.3 Integration Strategies
 - 6.4 New Chip Materials
 - 6.5 Surface Modification
 - 6.6 Others
7. **Imaging & Detection Technologies**
 - 7.1 Flow Visualization
 - 7.2 Optical
 - 7.3 Electrochemical
 - 7.4 Mass Spectrometry
 - 7.5 Others

conference officials

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Sabeth Verpoorte *University of Groningen*

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Please visit the MicroTAS 2010 website for further instructions and current developments regarding the Conference at

www.microtas10.org
or contact info@microtas10.org

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