

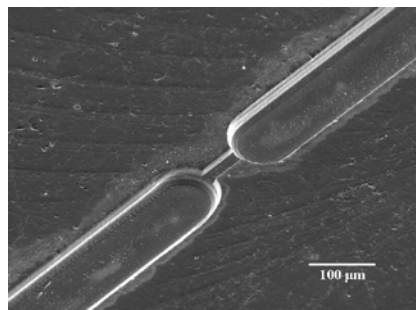


## Be invited to join a lively discussion on powerful topics!

The aim of this 3<sup>rd</sup> European Conference on Microfluidics is to strengthen the links inside the European and worldwide scientific community in this young multi-disciplinary field and to promote exchanges between European Universities, Non-European Universities and Industrial Companies engaged in this promising and exciting area.

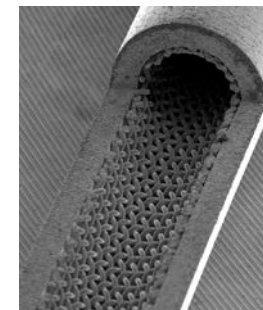
Microfluidics finds applications in every industrial sector, as well as in numerous media covered fields like biology, medicine, bio-technology, chemical and process engineering, transports, environmental sciences, microelectronics and so on.

The *Microfluidics2012* conference invites submission of abstracts describing original works on the below listed topics. The papers have to contain information on research methodology,



results and major conclusions. Applied papers from industries engaged in microfluidics especially addressed to draw strong scientific needs are welcomed.

Aside of the scientific conference content, exhibitors from Science and Industry are welcome to present their latest news and products as well as to sponsor the program of the conference. For the attendees, this will provide an opportunity to get in touch with the current technology in microfluidics available on the market. For industrial partners it is an excellent chance to show their competences in the topic to a strongly international audience.



## Venue



The *Microfluidics2012* conference takes place at the Advanced Training Centre (ATC) of the European Laboratory of Molecular Biology (EMBL) in Heidelberg, Germany. The famous and beautiful city of Heidelberg provides a cosy and peaceful environment. One of the most romantic places in the world welcomes you in typical German Christmas time atmosphere.

The city is easy to reach from all over the world, laying not more than 80 km away from Frankfurt International Airport, the largest airport in Germany. Excellent connections to all main European cities, a large number of nice hotels and international cuisine restaurants will make your stay comfortable.

## How to publish and apply

*Microfluidics2012* scientific communications will be in form of oral presentations and posters. An abstract (200 - 1000 words, no figures) is required. After acceptance a full paper is mandatory, which will be peer reviewed to secure the scientific content. All papers (whatever the kind of presentation) will be published in the proceedings of the conference. In addition, special issues of international journals will be released afterwards, in which a selection of the best papers will be published.

All abstracts and papers are submitted electronically via the links on the *Microfluidics2012* website [www.microfluidics2012.eu](http://www.microfluidics2012.eu). By submitting an abstract it is assumed that the author is willing to present on site. After the notification of acceptance, at least one presenting author is expected to register for the conference. Registration is also done via the conference website

[www.microfluidics2012.eu](http://www.microfluidics2012.eu)

## Topics

The scientific content of the conference is distributed into 16 distinguished topics, covering all aspects of microfluidics, and combined with invited lectures given by worldwide leading scientists. Each topic is supervised by well-established international specialists taking care for scientific quality.

1. Liquid Microflows
2. Gas Microflows
3. Microsensors and In-Situ Analytics
4. Fluidic Microactuators and Micromixing
5. Microfabrication Techniques for Microfluidic Systems
6. Convective Micro Heat Transfer
7. Micro Chemical Engineering
8. Lab-on-a-Chip
9. Electrokinetic Microflows
10. Microdroplets Management
11. Microflows in Biological Systems and Bioengineering
12. Multi-Phase Flows in Microsystems
13. Microflow Visualization
14. Special Session: Industrial Applications
15. Special Topic: Nanofluidics
16. Other topics

## Conference fees

*Microfluidics2012* provides you a full service conference package. The conference fees cover three days of conference, book of abstracts and advertising material as well as coffee breaks and lunch for all days. Moreover, an evening reception (Monday, Dec 3, 2012) as well as the Conference Dinner (Tuesday, Dec 4, 2012) are included.

**Regular Conference Fee**                      **€595,- (Early Bird: €545,-)**

**Students Conference Fee**                      **€495,- (Early Bird: €445,-)**

each including VAT. Please provide a proof when applying for the students conference fee. An on-site registration is possible. With the on-site registration, the Conference Dinner is not included, but can be ordered separately (€59,-, limited availability)

## Important dates

*Microfluidics2012* schedule for the paper publication is as follows:

**Abstract Submittal Deadline**                      **March 31, 2012**

**Notification of Acceptance**                      **April 30, 2012**

**Full Paper Deadline**                      **June 30, 2012**

**Early Bird Registration Deadline**                      **October 31, 2012**

**Conference**                      **December 3-5, 2012**

## Scientific Committee

### Conference Chairs

Stéphane Colin, Toulouse, France; Gian Luca Morini, Bologna, Italy;  
Juergen J. Brandner, Karlsruhe, Germany

### Scientific Committee Members

H. Andersson-Svahn, Stockholm, Sweden	R. Lindken, Duisburg, Germany
P. Angeli, London, UK	M. Lorenzini, Forli, Italy
N. Aoki, Sendai, Japan	W. Luan, Shanghai, China
J. Auerswald, Alpnach, Switzerland	D. Maillot, Nancy, France
L. Baldas, Toulouse, France	M. Marengo, Bergamo, Italy
C. Baroud, Palaiseau, France	D. Newport, Limerick, Ireland
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G.P. Celata, Rome, Italy	P. Perrier, Marseille, France
S. Chakraborty, Kharagpur, India	D. Poulikakos, Zurich, Switzerland
A. DeMello, Zurich, Switzerland	M. Rossi, Munich, Germany
A. Frijns, Eindhoven, The Netherlands	G. Rozing, Waldbronn, Germany
A. Guber, Karlsruhe, Germany	G. Rozing, Waldbronn, Germany
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I. Hassan, Concordia, Canada	C. Serra, Strasbourg, France
W. Hilber, Linz, Austria	Z. Silber-Li, Beijing, China
M. Jensen, Troy, NY, USA	S. Tardu, Grenoble, France
P. Kallio, Tampere, Finland	D. Valougeorgis, Volos, Greece
T. Karayiannis, London, UK	P. Watts, Hull, UK
C. Khan-Malek, Besançon, France	T. Wetzel, Karlsruhe, Germany
N. Kockmann, Dortmund, Germany	L. Yeo, Clayton, Australia
C. Koenig, London, UK	Y. Zhang, Glasgow, UK
Y-K. Lee, Hong Kong, China	D. Zhao, Shanghai, China

The organizers of *Microfluidics2012* look forward to welcome you to this occasion! For further information, please check [www.microfluidics2012.eu](http://www.microfluidics2012.eu) frequently, or contact the organizers by [info@microfluidics2012.eu](mailto:info@microfluidics2012.eu).

The conference is provided by

