



5th European Conference on Microfluidics

28th February – 2nd March 2018, Strasbourg, France

Scope

The Microfluidics Conference 2018 (μ Flu'18) is the fifth European Conference on Microfluidics. It comes after μ Flu'08 (Bologna), μ Flu'10 (Toulouse), μ Flu'12 (Heidelberg) and μ Flu'14 (Limerick).

μ Flu'18 will aim at continuing to strengthen the links inside the European and worldwide Microfluidics scientific community by gathering all actors in this discipline, and to promote exchanges between European or non-European universities and industrial companies engaged in this field.

Topics

The conference topics include, but are not limited to:

- Lab on a Chip
- Biomicrofluidics
- Mass Transport at Microscale
- Heat Transfer at Microscale
- Multiphase Microflows
- Phase Change Phenomena at Microscale
- Design, Fabrication and Application of Microfluidics Sensors and Actuators
- Electrohydrodynamic Microflows
- Digital Microfluidics
- Experimental Techniques for Microfluidics
- Functional Microfluidic Materials
- Nanofluidics

In each of these fields, new developments will be presented, concerning:

- Modelling and numerical simulation
- Materials and manufacturing techniques
- Experimental techniques and measurements

Submission Dates

- 1st November 2017: Short summary and extended abstract submission
- 1st December 2017: notification of acceptance
- 15th January 2018: final extended abstract submission

Venue

The conference venue is the University of Strasbourg, very close to the city's historic center.

Chairmen

- Jürgen Brandner (Karlsruhe Institute of Technology)
- Stéphane Colin (University of Toulouse)
- David Newport (University of Limerick)
- Christophe Serra (University of Strasbourg)

More information

<http://mflu-negf-2018.com/>



This conference will be held in parallel with the 3rd European Conference on Non-Equilibrium Gas Flows 2018 (NEGF'18)