

Call for papers

MIGRATE 3rd International Workshop

Bastia, Corsica, France – June 27 – 29, 2018



MIGRATE (MIniaturized Gas flow foR Applications with enhanced Thermal Effects) is a Marie Skłodowska-Curie European Training Network, intended to address some of the current challenges to innovation that European industry faces with regard to heat and mass transfer in gas-based micro-scale processes. This network of 16 participating institutions coming from all over the European Community is covering different aspects of enhanced heat transfer and thermal effects in gases: from modelling of heat transfer processes and devices, development and characterization of sensors and measurement systems for heat transfer in gas flows as well as thermally driven micro gas separators, to micro-scale devices for enhanced and efficient heat recovery in environmental, transport, telecommunications and energy generation. More details can be found on www.migrate2015.eu.

Following the first and second editions organized in Strasbourg in 2016 and in Sofia in 2017, the MIGRATE project of the European Community is glad to announce its 3rd International Workshop, taking place from June 27 to June 29, 2018 in Bastia, Corsica, FRANCE.

Scientific program

The workshop program will focus on the following topics, covering different aspects of heat and mass transfer in gas-based micro-scale processes:

- Micro Sensors & Sensing Techniques
- Sampling and Analysis Microsystems
- Energy Recovery Microsystems

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

- Modelling, simulation and design tools
- Experimental techniques and measurements
- Materials and manufacturing techniques

Within this 3rd International Workshop a variety of talks will be selected to present a state-of-the-art view to the covered topics as well as new developments and research results. A poster session will be dedicated to round the workshop thematically. The program will include keynote lectures, invited lectures and contributed papers. The number of contributions is strictly limited.

Contributed papers

Contributed papers for the workshop will be accepted as oral or poster presentations. Participants who wish to present a paper are requested to submit an extended abstract in PDF format (4 A4 pages) for peer review. A template will be available at the MIGRATE website. The authors of accepted abstract will have the possibility to propose a full paper for publication. Full papers or extended abstracts, following the choice of the authors, will be published within the Workshop proceedings.

All extended abstracts will have to be submitted before **May 1st, 2018** using the paper submission site: <https://migrate2018.sciencesconf.org/>

Important Dates

May 1st, 2018: Deadline for submission of extended abstract

May 20, 2018: Notification of acceptance

May 30, 2018: Deadline for submission of final manuscripts

June 1st, 2018: Deadline for Early Bird Registration

Scientific Committee

Erik Arlemark	ASML
Lucien Baldas	Institut National des Sciences Appliquées de Toulouse
Juergen J. Brandner	Karlsruher Institut fuer Technologie
Stéphane Colin	Institut National des Sciences Appliquées de Toulouse
Michel Delanaye	MITIS SA
Stéphanette Englaro	In'Air Solutions
Ryan Enright	Nokia Bell Labs, Ireland
Aldo Frezzotti	Politecnico Milano
Arjan J.H. Frijns	Technische Universiteit Eindhoven
Katja Haas-Santo	Karlsruher Institut fuer Technologie
Stéphane Le Calvé	ICPEES – University of Strasbourg
Irina Graur Martin	Aix-Marseille University
Gian Luca Morini	Alma Mater Studiorum – Università di Bologna
David Newport	University of Limerick
Dimitris Valougeorgis	Panepistimio Thessalias – University of Thessaly
Stefan Stefanov	Institute of Mechanics, Bulgarian Academy of Sciences
Martin Wüest	INFICON
Yonghao Zhang	University of Strathclyde

Organizing Committee

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Juergen J. Brandner	Karlsruher Institut fuer Technologie
Stéphane Colin	Institut National des Sciences Appliquées de Toulouse
Irina Graur Martin	Aix-Marseille University
Pierre Perrier	Aix-Marseille University
Katja Haas-Santo	Karlsruher Institut fuer Technologie
Martin Knapp	Karlsruher Institut fuer Technologie

Information

For more information about the workshop, please contact the event organizers:

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