



International Symposium on Thermal Effects in Gas flows In Microscale ISTEGIM 2019 - a MIGRATE event

Program

The program of this two-day symposium will include keynote lectures, invited lectures and contributed papers as oral or poster presentation, covering the following topics:

- Multiphase Heat Transfer in Microstructures
- Gas-liquid contacting
- Modelling and simulation of flows and heat transfer in microstructures
- Gas Surface Interaction
- Gas Sensors and Sensor integration
- Non-invasive measurement techniques
- Lab-on-device systems
- Microsystems for bio- and environmental applications
- Thermally driven microflows
- Heat recovery and energy harvesting microsystems
- Flow and heat transfer through micro-nano porous media
- ...and others more

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

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

Get together of ISTEGIM – Pre-event networking meeting:

A pre-event networking meeting and cocktail will be organized in the evening of October 23 at Karlsruhe Institute of Technology (KIT). An introductory plenary lecture will be given by Prof. Denis Maillet from the Laboratory of Energetics, Theoretical and Applied Mechanics (LEMETA) at the University of Lorraine, France.