



GASMEMS (Gas Flows in Micro Electro Mechanical Systems) is a project dedicated to the research on gases in microstructures. A network of 13 participants and 6 associated partners coming from all over the European Community provides fundamental and applied research in the fields of dynamics of gas micro flows and of microstructure design and manufacturing as well as applications in lab and industry. More details can be found on www.gasmems.eu.

The GASMEMS project of the European Community presents its second combined International Workshop and Summer School, taking place at the Helios Hotel, Les Embiez Island, France. The island is located between Marseille (80 km) and Toulon (50 km).

Scientific program

The workshop and summer schools programs will cover the following topics:

- Dynamics of gas micro flows
- Heat and mass transfer in gas micro flows
- Gas – materials interactions

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

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

Within the 2nd 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 is dedicated to round the workshop thematically. The program will include keynote lectures, invited lectures and contributed papers. The number of contributions is limited.

The 2nd International GASMEMS Summer School will present lectures from fundamental knowledge to advanced level. Topical talks of highly experienced and skilled specialists from universities, research labs and industry will provide deep view inside the topics of the GASMEMS project.

Conference and accommodation fees

3-day Summer School Fee:	€ 650,- (incl. 3 nights)
2-day Workshop fee:	€ 450,- (incl. 2 nights)
Combined ticket (SS & WS):	€ 1100,- (incl. 6 nights)

Fees include the participation costs to the events + double room accommodation (shared with another participant) + meals + boat ticket.

An extra night will be charged €100.

A single room option will be charged €30 per night.

For the different formulas, the participants should arrive and leave on the following dates.

Arrival:

- SS: July 4 (Sunday) - evening
- WS: July 8 (Thursday) – evening
- SS-WS: July 4 (Sunday)- evening

Departure:

- July 7 (Wednesday)- evening
- July 10 (Saturday)- evening
- July 10 (Saturday)- evening

For the workshop and the summer school a limited number of grants for young researchers will be available. Candidates have to send their application indicating which event(s) they intend to attend together with their curriculum vitae before **March 20, 2010** to the organizers (a.j.h.frijns@tue.nl).

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 a full paper manuscript in PDF format (short paper, 8 pages A4 maximum) for peer review. A template will be available at the GASMEMS website. The full papers will be published on CD-ROM.

All draft papers will have to be submitted before **March 20, 2010** using the paper submission site, available from the GASMEMS website: www.gasmems.eu.

Organizing Committee

Dr. Lucien Baldas, University of Toulouse, France

Dr. Jürgen J. Brandner, Forschungszentrum Karlsruhe, Germany

Prof. Stéphane Colin, University of Toulouse, France

Dr. Arjan Frijns, Eindhoven University of Technology, the Netherlands

Dr. Irina Graour, Université de Provence Aix – Marseille I, France

Prof. Gian Luca Morini, Alma Mater Studiorum – Università di Bologna, Italy

Dr. David Newport, Stokes Institute, University of Limerick, Ireland

Prof. Dimitris Valougeorgis, University of Thessaly, Greece

Dr. Yonghao Zang, University of Strathclyde, United Kingdom

Important Dates

March 20, 2010:	Deadline for submission of manuscript and grant application
April 10, 2010:	Notification of acceptance
May 2, 2010:	Deadline for submission of final manuscripts
May 2, 2010:	Deadline for registration to the Summer School and Workshop
July, 5-7, 2010:	Summer School
July 9-10, 2010:	Workshop

Additional updated information can be found on the GASMEMS website:

www.gasmems.eu

Information

For specific questions about the workshop and summer school, please contact the events organizers:

Global organization: Dr. Arjan Frijns (a.j.h.frijns@tue.nl),

Local organization: Prof. Irina Graur (irina.graour@polytech.univ-mrs.fr)

Network Coordinators:

Prof. Stéphane Colin (stephane.colin@insa-toulouse.fr), or

Dr. Lucien Baldas (lucien.baldas@insa-toulouse.fr)