



Experimental Fluid Mechanics 2011

The conference Experimental Fluid Mechanics is focused on obtaining an overview of projects under investigation, and experimental methods used in the field of fluid mechanics and thermodynamics. Its aim is to organize a network of young research workers who are interested in experimental, and also theoretical, work in the field of fluid mechanics and thermodynamics. The conference contributes to creating the closer contacts and sharing experience in application of various experimental methods, preparation and implementation of experiments, processing of results and numerical simulations of experiments.

The main topics of the conference are:

- Experimental methods used in fluid mechanics and thermodynamics
- Preparation and implementation of experiments
- Application of numerical simulation for preparation of experiments, comparison of the results obtained by numerical or analytical methods with experiments
- Processing the results
- Experiments in the field of compressible and incompressible fluid flow, stability of flow, heat and mass transfer, cavitation etc.
- Experiments and measuring carried out on power and regulating equipment
- Cryogenic fluid dynamics

Sponsors

Dantec Dynamics GmbH
Nykrýn CZ s.r.o.
Honeywell, spol. s.r.o.
Metrostav a.s.
Telemeter Electronic s.r.o.
TOPTEC/IPP CAS, v.v.i.
TSI GmbH
Warmnis spol s .r.o.