International Topical Team Workshop on
TWO-PHASE SYSTEMS FOR GROUND AND SPACE APPLICATIONS

September 19-21, 2006
Université Libre de Bruxelles, Brussels, Belgium

Workshop Chairs
Prof. Oleg A. Kabov and Jean Claude Legros
Dr. Elizaveta Gatapova, HTI, Workshop Secretary

Workshop organizers:
- Heat Transfer International Research Institute of ULB and IT RAS, Brussels
- Institute of Thermophysics, Siberian Branch of Russian Academy of Sciences, Novosibirsk
- Microgravity Research Center, Université Libre de Bruxelles, Brussels

Workshop Objective: The workshop is intended to provide a platform for researchers to exchange information and identify research needs in this important area encompassing several engineering, mechanical and physical disciplines. Topics for the oral and poster presentations include:
- Experiments in Microgravity
- Boiling and Condensation
- Evaporation and Interfaces
- Bubbles and Drops
- Films and Layers
- Thermocapillary flows
- Spray and Jets
- Microchannels and Minichannels
- Electronics Cooling
- Two-Phase Flows

Workshop format: Workshop will consist of keynote lectures, oral presentations and posters. There will be no parallel sessions. Several international research projects of the European Space Agency on physical sciences linked to the ESA MAP programmes will be presented and discussed. There will be a welcome reception on September 19. 6/8 Keynote lecturers are foreseen (30 minutes including questions) and 4 presentations of MAP programmes (30 minutes) as well as 15/20 selected oral presentations (20 minutes) and 10/20 posters are foreseen. Most of the presentations will be invited to the Workshop with some exceptions. Discussions and questions are considered as major contributions and will be encouraged also during breaks, lunches, dinners and reception. The registration fee will be optimized as a minimum to cover costs, including meals and drinks. It would be a great support to the organizers if you could manifest as early as possible your interest and potential participation.

Workshop Scientific Committee
- Sergey V. Alekseenko, IT, Russia, Chairman
- Alberto Cavallini, UP, Italy
- Catherine Colin, ENSEEIHT, France
- Vincent Dupont, EHP, Belgium
- Alexander M. Frank, ICM, Russia
- Dmitriy Markovich, IT, Russia
- Olivier Minster, ESA, The Netherlands
- Vladislav V. Pukhnachev, HI, Russia
- Peter Stephan, TUD, Germany
- Lounes Tadrist, IUSTI, France
- John R. Thome, EPFL, Switzerland

Call for Papers: Workshop Web site http://hti.ulb.ac.be/ (responsible Yuriy V. Lyulin, lyulin@itp.nsc.ru) provides the latest information. Submit your abstract (2 pages including figures, example available on the web site) and a registration form (available on the web site) to the Workshop Secretary egatapov@ulb.ac.be by 20 of June. Submit a copy of E-mail to Workshop Co-chairmen Oleg A. Kabov okabov@ulb.ac.be. Abstract acceptance notification: July 1. The abstracts will be collected and edited in a booklet distributed to the participants at the registration. It is the intention to collect all the oral presentations on a CD.