

## INTERNATIONAL CONFERENCE THERMOPHYSICS 2010

11th Annual International Conference of Thermophysics 2010 was held on 3-5<sup>th</sup> November at the Valtice chateau. This conference has been organized regularly since 1997. Research institutes of SAS in Bratislava and different faculties at Slovak universities in Bratislava and Nitra organized this event up to 2008. Since 2009, the conference has been organized by the Faculty of Chemistry, Brno University of Technology in cooperation with the Faculty of Civil Engineering, Czech Technical University in Prague. Since the very beginning, the conference has been attended not only by the thermophysicists from the Czech and Slovak Republics, but also by experts from Germany, Austria, Poland and other countries.



Invited lecture Assoc. prof. Rachel Becker from Technion – Israel Institute of Technology, Haifa

49 experts from various disciplines, of which 38 were outside of Czechia, has met during the last year. The lectures were focused on the problems of study of heat and moisture transport in construction materials and the development of methods for determining the thermal and moisture parameters of materials. As a new and hot topic, the problems associated with the phase change materials (PCM) used for the accumulation of thermal energy and related processes were actively discussed. Scientific level of the conference is best illustrated by the invited lectures of prof. Rachel Becker, professor Andrzej Panas, prof. Šimon and dr. Ľudovít Kubičár: prof. Rachel Becker from Israel is a specialist in the use of PCM in construction. Professor Andrzej Panas studies the temperature dependence of thermophysical parameters of materials. Prof. Šimon of Slovak University of Technology in Bratislava is an expert on differential scanning calorimetry (DSC) while Dr. Ľudovít Kubičár of IP SAS in Bratislava is a leading expert on methods of measuring transient thermal parameters of materials.



Invited lecture Prof. Andrzej Panas from Military University of Technology at Warsaw

Conference THERMOPHYSICS 2010 is presented online at the organizers's web site ([www.fch.vutbr.cz/Lectures/thermophysics](http://www.fch.vutbr.cz/Lectures/thermophysics)).

You can get detailed information on its history and links to all contributions presented from its inception in 1997. Since 2009, a full-color printed book of proceedings has been published by the organizer with the help of financial support by Technical University in Prague. All papers accepted for publication were selected on the basis of a rigorous two-stage review process.

### Some worlds in conclusion

Thermophysics 2010 has just ended and organizing works for Thermophysics 2011 have already begun. Hopefully, the plans of the organizers to introduce the Thermophysics conference proceedings into the citation database of Web of Science, will be put in practice.



Lecture hall

This would greatly increase the impact of published papers and the awareness scientific community about results presented in this conference. Conference Organizing Committee invites the specialist dealing with heat transport and accumulation of heat in materials to participate in the Thermophysics 2011. Exact dates for submission of abstracts, submission of articles and conference will be published early in 2011.

Prof. Oldrich Zmeskal, Institute of Physical and Applied Chemistry, Faculty of Chemistry, Brno University of Technology