

# Conference Programme

**THURSDAY, OCTOBER 29, 2009**

**11:00 Registration**

**12:00 LUNCH**

**13:00 CONFERENCE OPENING**

**13:10 Invited lecture (30 minutes)**

Boháč, V. Kubičár L., Némethy L., Dieška P. *Investigation of moisture influence on thermophysical parameters of PORFIX aerated concrete*

**13:40 Lectures (6 x 20 minutes)**

Kubičár L., Štofanič V., Vretenár V., Boháč V., Dieška P. *Thermophysical Analysis of Porous System (to 14:00)*

Calvo Anibarro C., Kubicar L. *Study of the curing process of an epoxy resin by monitoring of the thermal conductivity by the Hot Ball method (to 14:20)*

Casares L., Kubičár L. *Moisture Transport through porous materials monitored by the Hot Ball Method (to 14:40)*

Čulík F., Lukovičová J. *Diffusivity determination from measurement of the time development temperature inside a SLAB (to 15:00)*

Holubek M., Mihalka P., Matiasovsky P. *Relationship between calcium silicate permitivity and thermal conductivity moisture content dependences (to 15:20)*

Koci J., Madera J., Vejmelkova E., Cerny R. *Computational modelling of coupled heat and moisture transport with hysteretic hydric parameters (to 15:40)*

**15:40 COFFEE BREAK**

**16:10 Invited lecture (30 minutes)**

Suchorab Z., Sobczuk H. *Dielectric Properties of Building Materials*

**16:40 Lectures (5 x 20 minutes)**

Koronthalyova O. *Effect of water vapour permeability moisture dependence on simulation of dynamic moisture response (to 17:00)*

Matiasovsky, P., Takacsova, Z. *Analysis of water vapour sorption process in static dessicator method (to 17:20)*

Mihalka P., Matiasovsky P. *Analysis of moisture hysteresis of building materials in hygroscopic range (to 17:40)*

Pavlik Z., Fiala L., Pavliková M., Černý R. *Experimental analysis of water and nitrate transport in porous building materials (to 18:00)*

Ondruska J., Trnik A. *The influence of heating rate on thermal processes in cylindric samples of different radius (to 18:20)*

**19:00 SOCIAL PROGRAMME - raut and wine testing**

## **FRIDAY, OCTOBER 30, 2009**

### **7:30 BREAKFAST**

### **8:30 Invited lecture (30 minutes)**

Medved I. *A statistical mechanical description of phases and first-order phase transitions*

### **9:00 Lectures (5 x 20 minutes)**

Panas A. J., Nowakowski M. *Numerical validation of the scanning mode procedure of thermal diffusivity investigation applying temperature oscillation*(to 9:20)

Moravcikova J. *Thermodilatometry of ceramics using by the simple push-rod dilatometer*  
(to 9:40)

Stastnik S., Vala J., Novacek J. *Thermomechanical modelling of a maturing concrete mixture* (to 10:00)

Terpiłowski J., Woroniak G. *Investigation of the thermal diffusivity of the Fe<sub>52</sub>Ni<sub>48</sub> and Fe<sub>40</sub>Ni<sub>60</sub> alloys by means of modified flash method* (to 10:20)

Toman J., Korecký T., Černý R. *Thermal conductivity in dependence on temperature*  
(to 10:40)

### **10:40 COFFEE BREAK**

### **11:10 Lectures (6 x 20 minutes)**

Trník A., Štubňa I., Ondruška J. *The thermodilatometric analysis of kaolin-quartz samples* (to 11:30)

Vejmelková E., Keppert M., Pavlíková M., Černý R. *Thermal, hygric and salt-related properties of high performance concrete* (to 11:50)

Vretenár V., Kubičár E, Boháč V., Predmerský M. *Thermal conductivity measurement of dynamo sheets* (to 12:10)

Zmeškal, O., Hřebenová, L., Štefková, P. *The use of step wise and pulse transient methods for the study of photovoltaic cells laminating films properties* (to 12:30)

Zmywaczyk, J., Wielgosz, M., Koniorczyk, P., Gapski, M. *Identification of some thermophysical and boundary parameters of black foamglas by an inverse method* (to 12:50)

Baník I., Lukovičová J. *Measurement of the thermophysical parameters of materials using the generalized non-stationare regime* (to 13:10)

### **13:30 LUNCH**

### **14:30 MEETING OF THERMOPHYSICS SOCIETY**