

## Conference programme

Thursday  
 22nd of September 2016  
 Room D185

8.00 - 9.00	Registration	
9.00 - 9.30	Opening Ceremony	
9.30 - 10.00	Keynote lecture: Ardeshir Mahdavi	
10.00 - 10.15	Coffee break	
10.15 - 12.15	<b>Session 1</b> Rabenseifer Roman Juráš Peter Krajčík Michal Eikemeier Sören Kosiński Piotr Vojtkůvková Petra Dóra Szagri	<b>Chairman: Lopušniak Martin, Rabenseifer Roman</b> Glazing with Low-Emissivity Layers and its Performance Simulation Long-Time Measurement of Experimental Walls Suitable for Low Energy Buildings Exposed to the Outdoor Clim. - Hygroth. Durab. The influence of internal coloured surfaces on circadian efficiency of indoor daylight Monitoring of a prototypical free-running building: A case study in a hot-and-humid climate The Impact of Air Permeability on Heat Transfer through Partitions Insulated with Loose Fibre Materials CFD model of thermal plume occurring above hot surface of kitchen appliance Dynamic heat and moisture transport modeling of industrial floors on different climates
12.15 - 13.15	Lunch break	
13.30 - 15.30	<b>Session 2</b> Schuss Matthias W. Pašek Jan Pont Ulrich J. Pitoňák Anton Kudiváni Lucia Kerekes Attila Czetany Laszlo	<b>Chairman: Bagoňa Miloslav, Pašek Jan</b> Building Monitoring and Diagnostics: A Web-Based Approach Technical and Economic Connection of Application of Energy Saving Measures in Current Prefabricated Panel Build. An inquiry into the current practice of building product data handling by different stakeholders in Austriaassessment Energy sources on energy performance / Energy balance concepts of residential building retrofit Material choice affects the heat reduction in the summer period Effect of glazed ratio on indoor comfort and energy consumption Impact of Inlet Boundary Conditions on the Fluid Distribution of Supply Duct
15.30 - 15.45	Coffee break	
15.45 - 16.15	Svoboda Aleš	Presentation Brno Underground
17.00 - 18.00	Guided Tour - Brno Underground	
19.00 - 23.00	Evening Banquet - Restaurant U Čápa	

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8.30 - 9.00	Registration	Registration
9.00 - 10.30	<b>Session 3</b> Kiss Benedek G. Pont Ulrich J. Nagy Balázs Frič Lukáš Ferenc Szodrai	<b>Chairman: Nagy Balázs, Ferenc Szodrai</b> Comparison of LCA results based on predictions in different design phases Rule based building construction generation: An approach based on formal language methods Reinforcement-dependent thermal properties of reinforced concrete columns and slabs Evaluation of contribution of the plate enthalpy exchanger in air-conditioning Effect of the moisture in the heat storage capacity of Building Structures
10.30 - 10.45	Coffee break	
10.45 - 12.15	<b>Session 4</b> Pont Ulrich J. Darula Stanislav Čurpek Jakub Gourlis Georgios	<b>Chairman: Pont Ulrich J., Darula Stanislav</b> Improving the impact sound insulation of an existing and refurbished wooden beam floor construction Modelling of daylight sources in the artificial sky Simulation Study on Thermal Performance of a Ventilated Pv Façade Coupled with PCM Performance Simulation of External Metal Mesh Screen Devices: A Case Study
12.15 - 12.20	Conference Closing	
12.20 - 13.30	Lunch break	