

**PROGRAMME OF THE BUILDINGS AND ENVIRONMENT 2011 CONFERENCE,  
OCTOBER 20, 2011 BRATISLAVA**

**08:00 – 09:00 Registration** (Klariská ulica 5 / Klariská Street 5)

09:00 – 09:10 **Opening of the Conference** (Klariská ulica 5 / Klariská Street 5) - Hraška, J.

**09:10 Vendor presentations** (Klariská ulica 5 / Klariská Street 5), chairman: Hraška, J.

09:10 – 09:30 Velux: Green Lighthouse – Zero Emission Public Building

09:30 – 09:55 Schneider-Electric: Also Buildings can be Intelligent

09:55 – 10:15 Skanska: Open Garden

10:15 – 10:30 CADexpert / Balco, P.: Eco Designer + ArchiCAD – Energetická bilancia stavby už v počiatkovej fáze návrhu

**10:30 – 10:45 Coffee break**

**09:10 – Session A: Ventilation and Heating** (Ventúrska ulica 11 / Ventúrska Street 11), chairman: Kalousek, M.

09:10 – 09:25 Takács, J.: Vykurovacie systémy do nízkopodlažnej zástavby

09:25 – 09:40 Majšniar, V.: Controlled Ventilation Systems Applicable in the Present Reconstructions of Buildings

09:40 – 09:55 Jurka, J. – Čermák, P.: Aplikace vzduchoizolačních soustav v dnešní době

09:55 – 10:15 Hrebík, P.: Reliability of Energy for Residential Buildings

10:15 – 10:30 Grofčík, E. - Bielek, B. - Bielek, M: Moderné ľahké obvodové steny systému A1 do variantných riešení dvojíťch fasád

**10:45 - Key-presentations** (Klariská ulica 5 / Klariská Street 5), chairman: Rabenseifer, R.

10:45 – 11:05 Panzhauser, E.: World Population and the Ecological Relationship

11:05 – 11:25 Pokoradi, L.: Investigation Methods of Building Installation Systems' Uncertainties

11:25 – 11:45 Mahdavi, A.: Indoor Climate in Dwellings with a Humidity-Responsive Ventilation Regime

11:45 – 12:05 Bukerová, V.: A Road towards Energy Efficient, Environmentally Friendly and Economically Sound Buildings (Possibilities and Challenges of the Slovak and International Green Building Movement)

12:05 – 12:25 Hraška, J.: Denné osvetlenie v systémoch hodnotenia udržateľných budov

**12:25 – 13:25 Lunch** (Ventúrska ulica 11 / Ventúrska Street 11)

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**13:25 – Session B:** Environmental Assessment of Buildings (Klariská ulica 5 / Klariská Street 5), chairman: Panzhauser, E.

13:25 – 13:45 Stránská, Z.: EIA of Selected External Walls with Help of LCA Method

13:45 – 14:05 Morishita, N.: Indoor Environment and Energy Performance of Kindergartens with Different Thermal Design Standards

14:05 – 14:25 Pongratz, M.: The positive Impact of Life Cycle Cost Calculations in the Early Design Phase on Energy Efficient and Sustainable Buildings

14:25 – 14:45 Pont, U.: Indoor Environment, User Evaluation and Energy Use in a „Passivhaus“ Student Dormitory

14:45 – 15:00 Pilipová, I.: Perceived Discomfort in Intelligent Buildings

15:00 – 15:15 Coffee break

**15:15 – Session C:** Energy Assessment of Buildings (Klariská ulica 5 / Klariská Street 5), chair: Bukerová, V.

15:15 – 15:35 Vytlačil, D.: Model implementace opatření ke snížení spotřeby energie v budovách

15:35 – 15:55 Pont, U.: Sources of Uncertainty in Compilation of Energy Certificates

15:55 – 16:15 Múčka, M. – Štefko, J.: Energy Performance of Wooden Houses

16:15 – 16:35 Hrubý, M.: Energy Management in Data Centers

16:35 – 16:55 Húšťava, Š.: Turbulence as an Interesting Phenomenon at Wind Action Investigation on the Buildings + Wind Tunnel at the STU in Bratislava

16:55 – 17:10 Coffee break

**17:10 – Session D:** Architectural Aspects of Environmentally Friendly Design (Klariská ulica 5 / Klariská Street 5), chair: Minarovičová, K.

17:10 – 17:20 Oravcová, E.: Photovoltaic Systems as an Integral Part of Building and Clean Energy Source

17:20 – 17:30 Petráková, Z.: Environmentálne a ekonomické aspekty výberu technického riešenia stavebných objektov

17:30 – 17:40 Minarovičová, K.: Selected Aspects of Residential Buildings Renovation

17:40 – 17:50 Urandová, A.: Colour and the Built Environment as a Socially Conditioned Phenomenon - Quality Judgments and Social Issues

17:50 – 18:00 Minarovičová, K., Rabenseifer, R.: Comments to Slovak Building Code

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**13:25 – Session E:** Building Simulation in Sustainable Design (Ventúrska ulica 11 / Ventúrska Street 11), chairman: Vytlačil, D.

13:25 – 13:45 Janák, M.: Building Simulation for Sustainable Building Assessment

13:45 – 14:05 Šikula, O.: Počítačové modelování tepelně aktivovaných konstrukcí

14:05 – 14:25 Tomašovič, P.: Súčasný trend vývoja revízie normy STN 73 0532

14:25 – 14:45 Kalousek, M. – Partika, R.: Vnitřní prostředí ve školách

14:45 – 15:00 Ponechal, R.: Thermal and visual shopping mall environment improvement by skylight shading

15:00 – 15:15 Coffee break

**15:15 – Session F:** Heat Transfer and Building Materials I. (Ventúrska ulica 11 / Ventúrska Street 11), chair: Morishita, N.

15:15 – 15:35 Blahová, P.: Thermal Conductivity Measuring of Hemp Insulation

15:35 – 15:55 Kierulfová, Z. – Růžička, J.: Slamená izolácia – prípadová štúdia prestavby do pasívneho štandardu - Požárni odolnosť nosných odvodových konstrukcií s využitím slámy

15:55 – 16:15 Brzoň, R. – Ostrý, M.: Závislosť lineárneho činiteľa a povrchové teploty na ekvivalentní tepelné vodivosti ISO nosníku

16:15 – 16:35 Beneš, M.: Modeling of Heat Storage in the Soil

16:35 – 16:55 Klubal, T. – Ostrý, M.: Sádrová omítka modifikovaná PCM jako pasivní chlazení vnitřního prostředí

16:55 – 17:10 Coffee break

**17:10 – Session G:** Heat Transfer and Building Materials II. (Ventúrska ulica 11 / Ventúrska Street 11), chair: Iringová, A.

17:10 – 17:20 Halúzová, D.: Experimentálne meranie materiálov s fázovou zmenou v twin-boxoch

17:20 – 17:30 Klimek, K.: Effect of Glazing on the Thermal Stability

17:30 – 17:40 Partika, R. – Kalousek, M.: Řešení nestacionárního teplotního pole v zemině u základových konstrukcií

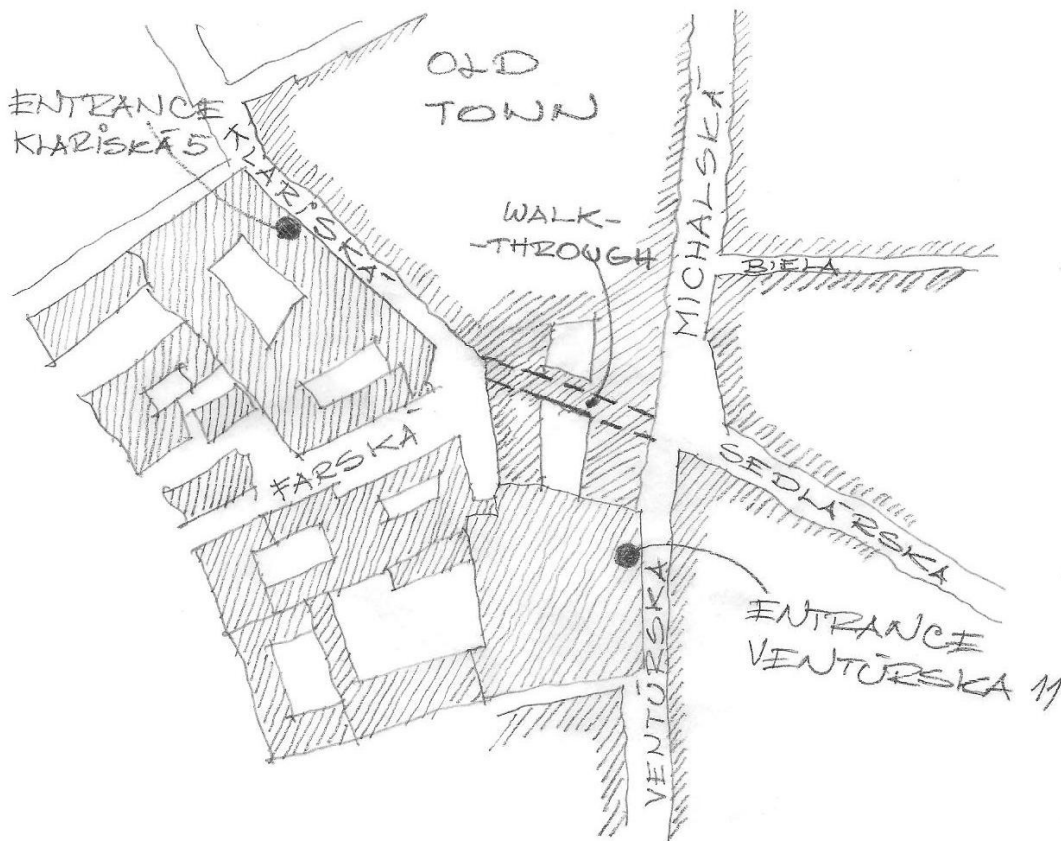
17:40 – 17:50 Iringová, A.: Medzipriestory v štruktúre fasád bytových domov

17:50 – 18:00 Mikle, S. – Bielek, M.: Double Skin Façades in Modern Architecture

Some information on the location and organization of the Conference

Overview of Conference Sessions:

Time	Location	
	Klariská street 5	Ventúrska street 11
08:00 – 09:00	Registration	
09:00 – 09:10	Opening	
09:10 – 10:30	Vendor presentations	Session A
10:45 – 12:25	Key presentations	
13:25 – 15:00	Session B	Session E
15:15 – 16:55	Session C	Session F
17:10 – 18:00	Session D	Session G



SITUATION PLAN

The Conference takes place in the premises of the University Library.

The **Klariská 5** is actually an entrance to library administration. You will have to pass reception, where you will be directed to the next left corridor. First door left is the seminar hall.

The **Ventúrska 11** is the main entrance to the University Library. Pass to the underground and ask for lecture hall called “submarine” (“ponorka”). The *lunch* will be served here in the cellar adjacent to the lecture hall.