



2006
August
27th to 31st

3rd
International
Building
Physics
Conference

FINAL Conference program

The conference is held in the Hall (“H”) building on the “Sir George William Campus”
at:

1455 de Maisonneuve blvd. West

(You may refer to the campus map at the <http://www.concordia.ca/maps/> page and clicking on the “Sir George William Campus” link)

Sunday August 27

13:30-15:10	Workshop for Ph.D. students - Workshop Chair: Hua Ge (H-407, 4th floor)	Registration: 12:30-17:00 (H-765, 7 th floor) (please register at H-765 before going to H-407)
15:10-15:30	Health break (coffee and refreshment provided) (H-765)	
15:30-17:00	Workshop for Ph.D. students - Workshop Chair: Hua Ge (H-407, 4th floor)	
17:30-19:30	Ice-Breaker reception: Newtown (1467 Crescent St.)	

Monday August 28, Morning

7:45	Registration (from 7:45 to 9:00, name tags available on main floor; For remainder of the Conference, name tags and proceedings available in room H-765 on the 7 th floor)		
8:30-10:15	Opening session - DB Clark theatre (Hall Building, Main Floor)		
9:00 - 9:50	Principles and practices of building science in Canada - <i>William Brown</i>		
9:50-10:15	The role of building engineering on integrated design and building sustainability - <i>Anik Teasdale-St-Hilaire</i>		
10:15-10:35	Health break (coffee and refreshment provided) (H-765, 7 th floor)		
	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 1	<i>Building Materials: Moisture buffering</i>	<i>Building Envelopes: Building envelopes in general</i>	<i>Whole Buildings: Energy availability & efficiency</i>
10:35-12:15	<i>Session Chair: Jan Vincent Thue</i>	<i>Session Chair: Maria Spinu</i>	<i>Session Chair: Phalguni Mukhopadhyaya</i>
10:35	Moisture buffer value: A comprehensive analysis of essential parameters based on experimental data (p. 19) ¹ <i>Peuhkuri, R., Rode, C.² & Hansen, K.K.</i>	Moisture atlas for building envelopes (p. 259) <i>Häupl, P., Fechner, H. & Ruisinger, U.</i>	"Exergy"-conscious design in the built environment (p. 563) <i>Schmidt, D.</i> <i>Presented by: Haupt, W.</i>
11:00	Hygric buffering capacities of uncoated and coated gypsum board (p. 27) <i>Roels, S., Janssen, H., Carmeliet, J., Diepens, J. & de Wit, M.</i>	Probabilistic modeling of the heat loss performance of a building envelope (p. 269) <i>Pietrzyk, K. & Hagentoft, C.E.</i>	Second law analysis of HVAC systems for office buildings (p. 571) <i>Wei, Z.T. & Zmeureanu, R.</i>
11:25	Transient moisture transfer between spruce plywood and humid air (p. 11) <i>Osanyintola, O.F., Talukdar, P. & Simonson, C.J.</i>	BEPAT - Building envelope performance assessment tool: Validation (p. 277) <i>Horvat, M. & Fazio, P.</i>	Development of extremely low energy dwellings through life cycle optimization (p. 579) <i>Verbeeck, G. & Hens, H.</i>
11:50	Experimental investigation of the hygric buffering capacity of wood based interior paneling (p. 3) <i>Holm, A. & Kunzel, H.M.</i> <i>Presented by: Krus, M.</i>	New design model for frost protection of a slab on grade (p. 501) <i>Roots, P. & Hagentoft, C.E.</i>	A low-energy building under arctic conditions - A case study (p. 587) <i>Norling, C.R., Rode, C., Svendsen, S., Kragh, J. & Reimann, G.</i>
12:15-13:30	Lunch time		

¹ Numbers in brackets refer to page number in proceedings

² Name in bold presents the paper.

Monday August 28, Afternoon

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 2	<i>Building Materials: Hygrothermal properties</i>	<i>Outdoor Environment: Climate change and sustainable design</i>	<i>Indoor Environment: Thermal comfort</i>
13:30-15:10	<i>Session Chair: Mark Bomberg</i>	<i>Session Chair: Luis De Miguel</i>	<i>Session Chair: Radu Zmeureanu</i>
13:30	Hygric and thermal properties of alkali activated aluminosilicate material (p. 35) <i>Černý, R., Zuda, L., Drchalová, J., Toman, J., Rovnaníková, P. & Bayer, P.</i>	Climate change, hygrothermal modeling and the indoor environment (p. 855) <i>Phillipson, M.C., Sanders, C.H., Galbraith, G.H. & McLean, R.C.</i> <i>Presented by: Kumaraperumal, A.</i>	Thermal comfort in residential buildings with passive and active acclimatization (p. 747) <i>Becker, R. & Paciuk, M.</i>
13:55	Moisture performance characteristics of OSB and spruce plywood exterior sheathing products (p. 97) <i>Ojanen, T., Ahonen, J. & Simonson, C.</i>	The climate adapted design of buildings: An easy way for the optimization (p. 863) <i>Keller, B., Yuan, T. & Magyari, E.</i>	Normative thermal comfort assessment (p. 757) <i>Park, C.S., Augenbroe, G., Makarechi, S. & Brown, J.</i>
14:20	Critical moisture contents for water and air transport in case of imbibition and drying tests (p. 43) <i>Matiasovsky, P. & Koronthalyova, O.</i>	Climate adapted building design for Hesquiaht First Nation school (p. 871) <i>Mikler, V. & Love, C.</i>	Thermal- hygrometry comfort in university classrooms: Experimental results in north and central Italy universities conducted with new methodologies based on the adaptive model (p. 765) <i>Buratti, C. & Ricciardi, P.</i>
14:45	An extendible material database for indoor air quality and hygrothermal research and applications (p. 49) <i>Nicolai, A. & Zhang, J.S.</i>	Sustainable construction - A simplified methodology for optimal design (p. 877) <i>Pushkar, S., Becker, R. & Katz, A.</i>	Indoor climate for comfortable sleep, considering heat and moisture transfer between the room, bedding and human body: Air control system using a predictive model for thermal comfort (p. 775) <i>Ishiguro, A., Hokoi, S., Takada, S., Komoto, N., Abuku, M. & Ishizu, K.</i>
15:10-15:30	Health break (coffee and refreshment provided) (H-765, 7 th floor)		
Session 3	<i>Building Materials: Material properties</i>	<i>Outdoor Environment: Weather and building</i>	<i>Indoor Environment: Utilization for indoor environment</i>
15:30 -16:45	<i>Session Chair: Shuichi Hokoi</i>	<i>Session Chair: Klaus Sedlbauer</i>	<i>Session Chair: Carey Simonson</i>
15:30	The Rijksmuseum Amsterdam - Hygrothermal analysis and dimensioning of thermal insulation (p. 345) <i>Grunewald, J., Ruisinger, U. & Häupl, P.</i>	Upgraded weather forecast control of building heating systems (p. 951) <i>Sasic Kalagasidis, A., Taesler, R., Andersson, C. & Nord, M.</i>	Performance of wind scoops as ventilation retrofitting in tropical tall buildings (p. 943) <i>Ismail, A.M.</i>
15:55	Hydrophilic mineral wool materials: The effect of fiber orientation (p. 91) <i>Michalek, P., Jirickova, M., Pavlik, Z. & Černý, R.</i>	Analysis of Montreal 30-year weather data to select loading conditions for large-scale tests on wall panel systems (p. 959) <i>Candanedo, L., Ge, H., Derome, D. & Fazio, P.</i>	Thermal mass in office buildings (p. 689) <i>Gorgolewski, M.T., Liao, Z. & Clarida, R.</i>
16:20	Effect of airflow velocity on moisture exchange at surfaces of building materials (p. 187) <i>Mortensen, L.H., Rode, C. & Peuhkuri, R.</i>	Statistical analysis of wooden cladding moisture response to climate parameters (p. 985) <i>Nore, K., Lisø, K.R. & Thue, J.V.</i>	Earth-air heat exchangers: Performance prediction assessment (p. 677) <i>De Paepe, M., Steeman, M. & Janssens, A.</i>
17:30-19:30	Reception hosted by Dean Nabil Esmail of the Faculty of Engineering and Computer Science EV Building, 1515 Ste Catherine Street, 11 th floor		

Tuesday August 29, Morning

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 4	<i>Building Materials: Transient and changing conditions</i>	<i>Building Envelopes: Wall - testing</i>	<i>Whole Buildings: Whole building HAM</i>
8:35-10:15	<i>Session Chair: Tuomo Ojanen</i>	<i>Session Chair: Rachel Becker</i>	<i>Session Chair: Wahid Maref</i>
8:35	Evaluation of instantaneous profile measurements indicating dependencies of moisture transport on hysteresis and dynamics (p. 121) <i>Scheffler, G., Plagge, R., Grunewald, J. & Häupl, P.</i>	Building envelope performance monitoring and modeling of west coast rainscreen enclosures (p. 335) <i>Finch, G., Straube, J. & Hubbs, B.</i>	Whole building approach and hygrothermal risk analysis (p. 519) <i>Hens, H., Carmeliet, J., Roels, S. & Janssen, H.</i>
9:00	Measurement of water retention and moisture conductivity at transient conditions (p. 129) <i>Plagge, R., Scheffler, G. & Grunewald, J.</i>	Large scale experimental investigation of the relative drying capacity of building envelope panels of various configurations (p. 361) <i>Fazio, P., Rao, J., Alturkistani, A. & Ge, H.</i>	Simulation tests in whole building heat and moisture transfer (p. 527) <i>Rode, C., Peuhkuri, R. & Woloszyn, M.</i>
9:25	A multi-physics model for cyclic loading (p. 63) <i>Moonen, P. & Carmeliet, J.</i>	Establishing a uniform and measurable moisture source to evaluate the drying capacity of building envelope systems (p. 369) <i>Fazio, P., Mao, Q., Alturkistani, A., Vera, S. & Rao, J.</i>	CFD modeling of HAM transport in buildings: Boundary conditions (p. 535) <i>Steeman, H.J., T'Joel, C., Willockx, A., De Paepe, M. & Janssens, A.</i>
9:50	Determination of porosity related property changes in bricks after penetration with paraffin (p. 83) <i>Majdalani, R., Hecht, C. & Dreyer, J.</i>	A simple and useful method to detect and pinpoint envelope failures during field testing of a gypsum sheathed wall (p. 419) <i>Vokey, D., Nelson, C. & Friesen, C.A.</i>	Evaluation strategy of finishing materials contribution to the hygroscopic inertia of a room (p. 543) <i>Ramos, N.M. & de Freitas, V.P.</i>
10:15-10:35	Health break (coffee and refreshment provided) (H-765, 7 th floor)		
Session 5	<i>Building Materials: Vacuum insulation panels</i>	<i>Building Envelopes: Wall - simulation</i>	<i>Whole Buildings: Moisture management</i>
10:35-12:15	<i>Session Chair: Leon Glicksman</i>	<i>Session Chair: Peter Häupl</i>	<i>Session Chair: Jesper Arfvidsson</i>
10:35	On the performance of vacuum insulated panels and sandwiches (p. 235) <i>Willems, W. & Schild, K.</i>	Hygrothermal modeling of aerated concrete wall and comparison with field experiment (p. 321) <i>Tariku, F. & Kumaran, M.K.</i>	Moisture management in the building process – Experience from four projects (p. 553) <i>Sikander, E. & Mjörnell, K.N.</i>
11:00	Vacuum insulated building envelopes (p. 227) <i>Willems, W. & Schild, K.</i>	Hygrothermal simulation of masonry under atmospheric excitation (p. 77) <i>Janssen, H. & Carmeliet, J.</i>	The influence of construction material moisture on the indoor humidity and surface conditions (p. 549) <i>Bednar, T., Dreyer, J. & Teibinger, M.</i>
11:25	Edge loss minimization in vacuum insulation panels (p. 251) <i>Thorsell, T.I.</i>	New model for the hygrothermal calculation of condensate on the external building surface (p. 329) <i>Krus, M., Rösler, D. & Sedlbauer, K.</i>	Decreasing the risk of moisture damage to prefabricated building components – From production to construction (p. 979) <i>Wihlborg, C. & Burke, S.</i>
11:50	Thermal testing and numerical simulation of a prototype cell using light wallboards coupling Vacuum Isolation Panels (VIP) and Phase Change Material (PCM) (p. 243) <i>Ahmad, M., Sallée, H., Quenard, D. & Bontemps, A.</i>	Hygrothermics of wooden beam ends in envelope parts of buildings (p. 353) <i>Stopp, H. & Strangfeld, P.</i>	
12:15-13:30	Lunch time		

Tuesday August 29, Afternoon

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 6	<i>Building Materials: Experimental procedures</i>		<i>Whole Buildings: Ventilation/air leakage</i>
13:30-15:10	<i>Session Chair: Vasco P. De Freitas</i>		<i>Session Chair: Hugo Hens</i>
13:30	In-situ measurement of the moisture content of building materials using ultra-wideband radio waves (p. 173) <i>Healy, W.M.</i>		Modeling of indoor-outdoor air-exchange in a multi-unit residential building (p. 697) <i>Karava, P., Athienitis, A., Stathopoulos, T. & Reardon, J.T.</i>
13:55	An X-ray apparatus for advanced construction related moisture research (p. 181) <i>Galbraith, G.H., Baker, P.H., Bailly, D. & McLean, R.C.</i> <i>Presented by: Essah, E.A.</i>		Exploration of a transient method for measurements of airtightness (p. 705) <i>Mattsson, B. & Claesson, J.</i>
14:20	Performance of edge sealing systems used in moisture transport experiments (p. 193) <i>Svennberg, K. & Segerholm, I.</i>		CFD study of natural ventilation between multiple spaces with stratification (p. 731) <i>Brown, J. & Choudhary, R.</i>
14:45	Dynamical interactions between heat and mass flows in lime-hemp concrete (p. 69) <i>Evrard, A., De Herde, A. & Minet, J.</i>		Airflow between houses and their roofs (p. 737) <i>Essah, E.A., Sanders, C.H., Galbraith, G.H. & McLean, R.C.</i>
15:10-15:30	Health break (coffee and refreshment provided) (H-765, 7th floor)		
Session 7	<i>Building Envelopes: Roofs - energy consideration</i>	<i>Outdoor Environment: Effects on buildings</i>	<i>Whole Buildings: Energy performance</i>
15:30-16:45	<i>Session Chair: Jan Carmeliet</i>	<i>Session Chair: Bruno Keller</i>	<i>Session Chair: Vincenzo Corrado</i>
15:30	Solar factor for ventilated roofs (p. 479) <i>Ciucasu, C., Gilles, J., Ober, D. & Petrie, T.</i>	Empirical validation of solar gain modeling in building energy simulation codes using test cells in IEA Task 34/Annex 43 (p. 595) <i>Manz, H., Loutzenhiser, P., Frank, T., Steiner, R., Reber, G. & Oelhafen, P.</i>	Energy performance of timber houses in northern Italy (p. 635) <i>Cappelletti, F., Peron, F., Romagnoni, P., Ceccotti, A. & Fregonese, M.</i>
15:55	Evaluating the energy performance of ballasted roof systems (p. 473) <i>Desjarlais, A., Petrie, T., Miller, W., Gillenwater, R. & Roodvoets, D.</i>	Effects of passive solar heat on energy use and indoor temperatures in residential buildings (p. 603) <i>Bagge, H., Nilsson, A. & Elmroth, A.</i>	Building energy - A design tool meeting the requirements for energy performance standards and early design - Validation (p. 627) <i>Jóhannesson, G.</i>
16:20	Wind induced thermal losses through compact pitched roof constructions - Test roof - measurements, simulation model and validation (p. 459) <i>Deseyve, C. & Bednar, T.</i>	Prevention of algae and mould growth on facades by coatings with lowered long-wave emission (p. 973) <i>Krus, M., Fitz, C. & Holm, A.</i>	Economy, energy and ecology based comparison of heating systems in dwellings (p. 661) <i>Van der Veken, J., Hens, H., Peeters, L., Helsen, L. & D'haeseleer, W.</i>
18:30-22:30	Conference dinner hosted by DuPont Building Innovation and the Canada Mortgage and Housing Corporation (CMHC) Altitude 737; 1 Place Ville-Marie, PH2 level		

Wednesday August 30, Morning

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 8	<i>Outdoor Environment: Wind and buildings</i>	<i>Building Materials: Hygrothermal properties</i>	<i>Indoor Environment: Daylighting and acoustics</i>
8:35-10:15	<i>Session Chair: Hua Ge</i>	<i>Session Chair: John Grunewald</i>	<i>Session Chair: Dominique Derome</i>
8:35	Urban Building Physics: a CFD study of the Venturi-effect in non-parallel passages between buildings (p. 935) <i>Blocken, B. , Stathopoulos, T. & Carmeliet, J.</i>	Liquid water transport in wood: Towards a mesoscopic approach (p. 107) <i>Zillig, W. , Janssen, H., Carmeliet, J. & Derome, D.</i>	Use of low cost photosensitive sensors in scale models for day lighting studies (p. 793) <i>Scarazzato, P.S. , Yamanaka, M.H., Pereira, D.C.L. & Ciampini, F.</i>
9:00	Reduced-scale air modeling technique for naturally ventilated buildings (p. 713) <i>Walker, C.E. & Glicksman, L.R.</i>	Steady-state moisture diffusion in Scots pine - The influence from distance to pith (p. 115) <i>Segerholm, I.</i> <i>Presented by: Claesson J.</i>	Utilization of daylight in offices; monitoring in a sample of ten buildings (p. 801) <i>Van den Ham, E.R. & Haartsen, T.J.</i>
9:25	CFD and full scale examination of the pressure distribution around a building corner (p. 913) <i>Li, C., Franke, J. & de Wit, M.H.</i>	On validation of hygric characteristics for heat, air, moisture models (p. 55) <i>Bomberg, M. , Pazera, M. & Zhang, J.</i>	Experimental assessment of environment performance of different typologies of light pipes (p. 809) <i>Aghemo, C., Serra, V. & Lo Verso, V.R.M.</i>
9:50	Local wind speed near exterior building surfaces for convective transfer coefficients (p. 925) <i>Blocken, B. , Janssen, H., Roels, S., Derome, D. & Carmeliet, J.</i>	Optimization of passive application of phase-change materials in building walls (p. 433) <i>van der Spoel, W.H. & Cauberg, J.J.M.</i>	Acoustic performance of lightweight plasterboard walls, empirical study on the effect of plasterboard fixing conditions (p. 819) <i>Nurzyński, J.</i>
10:15-10:35	Health break (coffee and refreshment provided) (H-765, 7 th floor)		
Session 9	<i>Outdoor Environment: Wind driven rain</i>	<i>Building Envelopes: Cladding and ventilation</i>	<i>Indoor Environment: Indoor air quality</i>
10:35-12:15	<i>Session Chair: Martin de Wit</i>	<i>Session Chair: Carl-Eric Hagentoft</i>	<i>Session Chair: Rachel Becker</i>
10:35	Comparison of measured and modeled driving rain data on a historic building with standard assessment methods (p. 897) <i>Kumaraperumal, A. , Baker, P.H., Sanders, C.H., Galbraith, G.H. & McLean, R.C.</i>	Predicting and modeling the effects of wall cladding ventilation on sun-driven condensation (p. 379) <i>Kan, L. & Piñon, J.P.</i>	Simulating transient particle deposition/re-suspension in indoor environments (p. 829) <i>Hu, B., Freihaut, J.D. , Bahnfleth, W.P. & Thran, B.</i>
11:00	CFD wind-driven rain simulations and their use for HAM modeling (p. 889) <i>Blocken, B. , Roels, S. & Carmeliet, J.</i>	Ventilation drying in walls with vapor impermeable claddings (p. 395) <i>Shi, X. & Burnett, E.</i>	A new approach for the IEQ (indoor environment quality) assessment (p. 837) <i>Corgnati, S. , Filippi, M. & Perino, M.</i>
11:25	Numerical modeling of impact, runoff and drying of wind-driven rain on a window glass surface (p. 905) <i>Carmeliet, J. , Rychtarikova, M. & Blocken, B.</i>	Measured ventilation rates in water managed wall cavities (p. 403) <i>Bassett, M.R. & McNeil, S.</i>	Experimental evaluation of potential movement of airborne mold spores out of building envelope cavities using full size wall panels (p. 845) <i>Rao, J., Miao, G., Yang, D.Q., Bartlett, K. & Fazio, P.</i>
11:50	Test method to study the water shedding effectiveness of drip-edge of metal flashing (p. 411) <i>Saneinejad, S. , Doshi, H. & Horvat, M.</i>	Climate adapted wooden cladding design - Field investigation and numerical validation (p. 387) <i>Nore, K. , Zillig, W. & Thue, J.V.</i>	Protocol and results of a residential short term room air temperature test (p. 783) <i>Rittelmann, W.D.</i>
12:15-13:30	Lunch time		

Wednesday August 30, Afternoon

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 10	<i>Building Materials: Salt transport</i>	<i>Building Envelopes: Roofs and attics</i>	<i>Whole Buildings: HVAC performance</i>
13:30-15:10	<i>Session Chair: Robert Černý</i>	<i>Session Chair: Carsten Rode</i>	<i>Session Chair: Staf Roels</i>
13:30	The influence of salt on hygrothermal behavior of building materials (p. 139) <i>Koniorczyk, M. & Gawin, D.</i>	Understanding air barriers in mechanically attached low slope roofing assemblies for wind uplift (p. 443) <i>Baskaran, A., Molleti, S. & Booth, R.J.</i>	Performance evaluation of hybrid ventilation system for residential buildings (p. 721) <i>Yoshino, H., Yoon S., Lee, J.H. & Wada, J.</i>
13:55	Combining expansion/shrinkage monitoring and X-ray measurement for water and salt transport in calcium silicate beam (p. 147) <i>Poupeleer, A.S. , Carmeliet, J., Roels, S. & Van Gemert, D.</i>	The application of modern principles of double ventilated roofs using stone as the main roofer in the renovation of the medieval buildings (p. 489) <i>Ivanovic Sekularac, J. & Sekularac, N.</i>	Disturbances and operational parameters of central heating systems in retrofitted buildings (p. 669) <i>Kalmár, F. & Halász, E.</i>
14:20	Inverse modeling of salt diffusion and advection in building materials (p. 155) <i>Pavlik, Z., Jirickova, M., Fiala, L. & Černý, R.</i>	Hygrothermal performance of unfinished attics (ventilated roofs) - An experimental study (p. 451) <i>Holm, A. & Lengsfeld, K.</i> <i>Presented by: Sedlbauer, K.</i>	Radiative cooling in buildings for climatic concept of Morocco (p. 655) <i>Mouhib, T. , Benlattar, M., Mouhsen, A., Harmouchi, M., Oualim, E.M., Defrance, P. & Vigneron, J.P.</i>
14:45	Incorporation of salt related effects into a hygrothermal transport model (p. 161) <i>Funk, M. , Nicolai, A. & Grunewald, J.</i>	Convection phenomena in loose-fill attics - Tests and simulations (p. 465) <i>Ciucasu, C. , Gilles, J., Ober, D. & Petrie, T.</i>	A simplified calculation method of the annual energy use for space heating and cooling: assessment of the dynamic parameters for the Italian building stock and climate (p. 645) <i>Corrado, V. & Fabrizio, E.</i>
15:10-17:00	Free afternoon, enjoy Montreal		

Thursday August 31

	<i>Track 1 (H-407)</i>	<i>Track 2 (H-411)</i>	<i>Track 3 (H-415)</i>
Session 11	<i>Building Materials: Degradation and durability</i>	<i>Building Envelopes: Double facades and windows</i>	<i>Whole Buildings: Thermal performance and energy assessment</i>
8:35 -10:10	<i>Session Chair: Sergio Vera</i>	<i>Session Chair: Andreas Athienitis</i>	<i>Session Chair: Miljana Horvat</i>
8:35	Biodegradation of VC-VAc copolymer under the effect of microorganisms (p. 203) <i>El-Aghoury, A. , Vasudeva, R.K., Banu, D., Elektorowicz, M. & Feldman, D.</i>	Performance assessment of innovative transparent active envelopes through measurements in test cells (p. 293) <i>Micono, C., Perino, M., Serra, V., Zanghirella, F. & Filippi, M.</i>	Mathematical model of the thermal performance of a dome-covered house (p. 611) <i>Lin, Y. & Zmeureanu, R.</i>
9:00	Influences of acid rain on neutralization process (p. 209) <i>Kishimoto, Y. , Hokoi, S., Harada, K., Watanabe, F. & Takada, S.</i>	Comparison of sensible and latent thermal storage potential of double-skin façade (p. 301) <i>Heim, D.</i>	Energy assessment of heating consumption in existing school buildings: Results of a field survey (p. 619) <i>Corrado, V. & Corgnati, S.P.</i>
9:25	The compatibility of finishing layer and external surface of buildings walls from the standpoint of durability (p. 217) <i>Miniotaitte, R.</i>	Real world glazing & window frame performance – Designing to mitigate condensation (p. 311) <i>Lyon, E.G.</i>	Influence of rain water percolation on ground heat losses and temperature for basement foundation (p. 967) <i>Hagentoft, C.E. & Claesson, J.</i>
9:50	Learning from experience – An analysis of process induced building defects in Norway (p. 425) <i>Lisø, K.R. , Kvande, T. & Thue, J.V.</i>	Experimental Tests To Assess Hygrothermal Performance of Building Envelope Systems (N/A) <i>Maref, W., Lacasse, M. & Rousseau, M.</i>	Evaluation of thermal performance of traditional and modern residential buildings in the hot dry climatic zone of Turkey (p. 683) <i>Manioglu, G. & Yilmaz, Z.</i>
10:15-10:30	Health break (coffee and refreshment provided) (H-765, 7 th floor)		
10:30-11:30	Closing session – DB Clark theatre (Hall Building, Main Floor)		
10:30-11:10	Commentary - <i>Hugo Hens</i>		
11:10-11:30	Closing of the Third International Building Physics Conference – <i>Paul Fazio</i>		
11:30-12:30	General assembly of IABP and IBPC 2009		
<p>Enjoy the rest of your stay and have a safe trip home!</p>			