

# CESB10 - Final conference program

## Design 1

*Wednesday 30 June, Hall A, 14:00 - 15:30*

- **Solar Architecture: New Austrian Examples**  
Georg W. Reinberg
- **Ways from passive to zero energy house**  
Jan Tywoniak
- **Energy base, sustainable passivehouse office building**  
Ursula Schneider
- **Active House**  
Klára Bukolská
- **Aspects of sustainable apartment housing**  
Michael Gies, Ines Lauer

## Design 2

*Wednesday 30 June, Hall A, 16:00 - 17:30*

- **Inspired by the past-built for the future – conversion of a former substation a monumental listed building**  
Beate Schneider, Klemens Osika
- **Renovation of a historic barn into a passive residential house**  
Petr Novák, Georg W. Reinberg
- **Two renovated public buildings with renewable energy technologies**  
Karin Buvik, Kirsten Engelund Thomsen, Ove Mørck
- **Preservation of the historic stock in Passive House Refurbishment**  
Martha Enriquez Reinberg, Georg W. Reinberg
- **Environmental protection – Case study of the school units of Pikermi in Greece .**  
Agisilaos Economou
- **Green Landmarks: Possible Ways of Decreasing the Energetic Demands of Historically Valuable Buildings**  
Mahulena Svobodova, Barbora Petrova ??

## Design 3

*Thursday 1 July, Hall A, 11:00 - 12:30*

- **Integrative Design: The key to cost-effective green buildings**  
John Boecker

- **Environmental requirements and Integrated design: methodological and applicative aspects**  
Basti Antonio
- **Environmental strategies for design of sustainable buildings in technique of green-eco architecture**  
Milan Bielek, Boris Bielek
- **Sustainable public buildings in Wels (Upper Austria)**  
Kateřina Mertenová , Heinz Plöderl
- **The influence of passive cooling on energy saving**  
Milan Ostrý, Pavel Charvát
- **Stadion: The LEED certification process for a retail development in Slovakia.**  
Eric Johnson

## Design 4

*Thursday 1 July, Hall A, 14:00 - 15:30*

- **Building Information Modeling – straight path to sustainable design**  
Bjørn Wittenberg
- **Sustainable and Smart University Campuses; Strategic Approach to Sustainability and Building Intelligence for University Campuses**  
Jiri Skopek
- **The Eco\_Wall - Challenges in the pursue of LEED Platinum**  
Joseph Cory
- **The “addition strategy” in building extension and sustainable transformation**  
Jacopo Gaspari
- **Experiences and knowhow from implementation of experimental low-energy house in accordance with criterions of sustainable civil engineering**  
Martin Kamensky, Martin Lopušniak, Miloslav Bagoňa
- **New knowledge about regime of natural physical cavity of double-skin transparent façade under windless climate conditions – long term in-situ experimental research**  
Boris Bielek, Milan Bielek, Daniel Szabó

## Design 5

*Thursday 1 July, Hall A, 16:00 - 17:30*

- **Collective Dwelling**  
Sara Cardoso Silva, Helena Coch
- **The urbanistic answers to the actual problems of modernity**  
Pavel Holubec

- **Cognitive algorithms in structural optimization**  
Martin Kaftan
- **Associative design techniques in sustainable architecture**  
Jiří Pavlíček, Weijie Liu, Shiyun Qian
- **MSc in Sustainable Architecture: Towards a Zero Emission Built Environment**  
Annemie Wyckmans

## Design 6

*Friday 2 July, Hall C, 9:00 - 10:30*

- **Form follows Energy in Srby, Czech Rep.**  
Austerveil Thomas
- **All-Glass Facades in Fire Conditions from Sustainable Development - Point of View**  
Marek Pokorný, Václav Kupilík
- **Sustainable Design and Redesign of Buildings in Slovakia**  
Anna Vašková, Ingrid Šenitková
- **Strengthening of masonry vaulted structures**  
Martin Zlámal, Petr Štěpánek
- **Expandable Dwelling System for Rapid Construction**  
Pavel Truksa

## Energy 1

*Thursday 1 July, Hall B, 11:00 - 12:30*

- **Concentrated Heat Storage for Solar Heating**  
Adil Lari
- **Building shape and heating requirements: a parametric approach in Italian climatic conditions**  
Rossano Albatici, Francesco Passerini
- **Energy consumption and robustness of buildings**  
Massimo Palme, Antoni Isalgué, Helena Coch, Rafael Serra
- **Reaching Sustainable Settlement and Building Structures as a Problem of Choosing Intelligent Indicators**  
Thomas Macoun, Ulrich Leth, Harald Frey
- **Multi-comfort house (energy-efficient living and first project in Czech Republic)**  
Karel Sedláček
- **Bioclimatic Design in Türkiye: Lessons From Past, Visions For Future**  
Merve Bedir, Gülsu Ulukavak Harputlugil, Gülser Çelebi

## Energy 2

*Thursday 1 July, Hall B, 14:00 - 15:30*

- **Sustainable Refurbishment of Museums**  
Michaela Hoppe, Volker Huckemann, Lars Klemm
- **Complex Retrofit of Prefabricated Block of Flats – Economic and Environmental Aspects**  
František Macholda, Jiří Beranovský, Jan Antonín, Petr Kotek, Petr Vogel, Lucie Šancová
- **Energy Efficiency in Urban Restructuring Projects - Guidelines and practical lessons from 6 European cities**  
Erik Alsema, Tomas Vimmr, Monika Kwapulinska
- **Energy efficiency practice in office Building**  
Rusdy Hartungi, Chris Pye
- **Potential for a Neighbourhood Income-Based Domestic Energy Model for Ordinary Electricity Use in England**  
Stephen William Lorimer
- **Renovation towards Multi-Comfort House level - a new lease on life**  
Matzig Roland

## Energy 3

*Thursday 1 July, Hall B, 16:00 - 17:30*

- **Sustainability Monitoring of Viennese Housing Estates. Post-Occupancy-Evaluation, Energy Monitoring and Cost Analysis of Passive and Low Energy Housing Estates.**  
Roman Smutny, Martin Treberspurg
- **Costs of Reduction of Energy Demand in Construction**  
Nataliya Anisimova
- **Design and development of a smart window for solar control of glazed façades**  
Alessandro Carbonari, Berardo Naticchia, Giorgio Tosi, Carla Conti
- **Building integration aspects of solar thermal collectors and photovoltaics**  
Yiannis Tripanagnostopoulos, Juliane Metzger
- **Building Innovations**  
Jay Macdonald

## Energy 4

*Friday 2 July, Hall B, 9:00 - 10:30*

- **Achieving 6 star energy efficient housing cost effectively in Australian temperate climates**  
Timothy O'Leary, Martin Belusko, Frank Bruno
- **Resource efficiency of Passive and Low Energy Houses – A comparison of calculated space heating demand and measured space heating consumption**  
Christoph Neururer, Martin Treberspurg, Roman Smutny
- **The role of transport for energy efficiency of buildings**  
Claus Köllinger, Anna Thormann
- **Active Energy Efficiency**  
Vladimír Janyпка, Radim Stoklasa, Olaf Koerner
- **The energy behavior of the residential building stock in Cyprus in view of the Energy Performance of Buildings Directive implementation**  
Soteris A. Kalogirou, C.N Maxoulis, G. A. Florides, G. P. Panayiotou, A.M Papadopoulos, M. Neophytou, P. Fokaides, G. Georgiou, A. Symeou, G. Georgakis
- **The Intelligent Building equipped by the Neural Network controlling the KNX Devices helps increase Energy Efficiency**  
Martin Hasaj, Pavel Kordík, Miroslav Šnorek

## Energy 5

*Friday 2 July, Hall B, 11:00 - 12:30*

- **Sustainable Building Today - Energy efficiency through green construction**  
Thomas Braig, Ruediger Utsch, Oliver Bruns
- **Proposal of Simplified Calculation 6R1C Method of Buildings Energy Performance Adopted to Polish Conditions**  
Maciej Mijakowski, Aleksander Panek, Piotr Narowski, Joanna Rucińska, Jerzy Sowa
- **Various approaches to the evaluation of the energy performance of buildings in Italy – Some results of calculation procedures application on residential buildings**  
Anna Magrini, Francesca R. d'Ambrosio Alfano, Lorenza Magnani, Roberta Perneti
- **The conversion of energy efficiency requirements for buildings in Poland**  
Robert Gerylo
- **EPBD energy performance certification for sustainable buildings**  
Karel Kabele, Miroslav Urban, Michal Kabrhel, Daniel Adamovský
- **Zero liter house - solution for innovative and modern building**  
Roland Leuck

## Materials 1

*Thursday 1 July, Hall D, 14:00 - 15:30*

- **Utilization of high performance silicate composites in material effective building structures**  
Magdalena Kynčlová, Petr Hájek, Ctislav Fiala
- **Renovation of the bridge using GFRP reinforced concrete slabs**  
David Ďurech, Petr Stepanek, David Horak
- **Sustainability of polyurethane thermal insulation – performance assessment at building and building component level**  
Shpresa Kotaji, Oliver Loebel
- **Numerical analysis of moisture performance of selected types of building panel envelopes**  
Marian Vertal, Pavol Ďurica

## **Materials 2**

*Thursday 1 July, Hall D, 16:00 - 17:30*

- **Sustainable Construction in Remote Communities: A Case Study from Aurukun, Australia**  
Steve Burroughs
- **Eco-Industrial planning model: “APEA Carpinello” Forlì**  
Massimo Bastiani, Virna Venerucci, Marco Nori, Filippo Giovannini
- **Hemp - thermal insulation for sustainable building**  
Stanislav Holub, Martin Blaha
- **Expanded clay thermo insulating concrete**  
Michala Hubertová, Rudolf Hela, Roman Stavinoha
- **Woodstock: A unique building that demonstrates advanced climate protection using the Czech NOVATOP Construction System**  
Michal Babor, Jiří Oslizlo

## **Materials 3**

*Friday 2 July, Hall A, 9:00 - 10:30*

- **Despite All Strategies for Enhancing Resource Efficiency, Per Capita Material Stock Is Increasing – Housing Stock And Building Material Flows in Germany 2050**  
Karin Gruhler, Clemens Deilmann
- **ETICS with integrated vacuum insulation panels**  
Libor Kubina
- **EPS – the insulation for sustainable building**  
Zemene Pavel, Vörös František
- **Surface pretreatment - a way to effective utilization of waste plastics as concrete aggregate. Review and first experiences**  
Lubomír Bágel, Peter Matiašovský

- **New revolutionary PCM panels reducing overheating and saving energy cost**  
Petr Macháček

## Materials 4

*Friday 2 July, Hall A, 11:00 - 12:30*

- **Saving natural resources by material recycling**  
Katrin Rübner, Petra Jakubcová, Tristan Herbst
- **The use of plastic crushed material from electronic waste in structural cement composites**  
Martin Križma, Terezia Nürnbergerová, Ján Jerga
- **Waste materials in concrete – acceptable deterioration or improvement?**  
Ján Jerga, Martin Križma
- **Water permeability of crashed WEEE plastic waste-cement composites**  
Peter Matiasovsky, Olga Koronthalyova
- **Agriculture waste products as resources for building low tech design**  
Luciana Mastrotonardo
- **Recycling of C&D Waste in Belgium: Ongoing Research and Relevant Developments**  
Desmyter Jan, Jeroen Vrijders, Luc Boehme

## Environment 1

*Wednesday 30 June, Hall D, 14:00 - 15:30*

- **The Energy Certification and Indoor Environment Quality in a School**  
Petras Dusan, Jana Sabikova
- **Probabilistic models for energy efficient building: a case-based support system for schematic design phase**  
Roberta Ansuini, Massimo Lemma, Alberto Giretti, Costanzo Di Perna
- **Envelope behavior assessment: in situ measurement and analysis of thermal loss**  
Roberta Ansuini, Massimo Lemma, Costanzo Di Perna, Alberto Giretti, Roberto Larghetti
- **Impacts of form-design in shading transitional spaces: the Brazilian Veranda**  
Gogliardo Vieira Maragno, Helena Coch Roura
- **IEAA-assessment tool for architectural competitions**  
Mariam Djalili, Martin Treberspurg, Roman Smutny, Markus Gratzl-Michlmair, Heimo Staller

- **Solar School in the Village of Kargyak**  
Jan Tilinger

## Environment 2

*Wednesday 30 June, Hall D, 16:00 - 17:30*

- **Building biology in low energy and passive houses**  
David Eyer
- **The applicability of building products with the function to reduce the EMF exposure.**  
Rossana Paparella
- **Theoretical assessment of the impact low-emission plaster on the microclimate of buildings**  
Ondřej Šikula, Miloš Kalousek
- **Managing the Indoor Security and Safety in Historical Buildings**  
Sergio Olivero , Pekka Huovila, Janne Porkka, Federico Stirano
- **Indoor Air Quality of the Office Buildings**  
Ingrid Šenitková, Tomáš Tomčík

## Environment 3

*Thursday 1 July, Hall D, 11:00 - 12:30*

- **A common metrics and set of indicators for assessing buildings an urban fabric sustainability performance**  
Serge Salat, Daphné Vialan, Caroline Nowacki
- **Numerical simulations regarding air circulation in urban spaces.**  
Mariana Fartatescu, Raluca Manoliu
- **Integration of recently built-up areas into the pattern of the city**  
Jaromír Hainc, Jan Jehlík
- **Acoustic quality of dwellings, a concept of uniform classification scheme**  
Jacek Nurzyński

## Assessment 1

*Wednesday 30 June, Hall B, 14:00 - 15:30*

- **SB2010 Method For Sustainable Building Assessment**  
Manuel Macias, Nils Larsson
- **SBToolCZ - Complex Assessment Methodology of Buildings Performance for Czech Republic**  
Petr Hájek, Martin Vonka, Antonín Lupíšek, Pavel Rubáš

- **SBToolPT – The Adaptation of the Global SBTool to the Portuguese Context**  
Luís Bragança, Ricardo Mateus
- **DGNB vs. LEED: a comparative analysis**  
Eberl Sebastian
- **Sustainable Building in Germany**  
Nicolas Kerz, Andreas Rietz
- **Goals for next generation assessment systems**  
Joel Ann Todd

## Assessment 2

*Wednesday 30 June, Hall B, 16:00 - 17:30*

- **LCA – Use and barriers**  
Heimo Staller, Wibke Tritthart, Mónica Hajpál
- **Comparative Analysis of Life Cycle Inventory Databases for Structural Steel Members**  
Iordanis Zygomas, Evangelos Efthymiou, Charalambos Baniotopoulos
- **The adoption of LCA to assess sustainable building technologies in office buildings**  
Elisavet Dimitrokali, Rusdy Hartungi, Joe Howe
- **Smart models as intelligent assistants in building LCA**  
Katrin Loewe, Stefan Albrecht, Matthias Fischer, Bastian Wittstock
- **European LCA Exercise**  
Michał Piasecki

## Assessment 3

*Thursday 1 July, Hall C, 11:00 - 12:30*

- **Environmental Assessment of Structural Design of Residential Buildings within the Project Ecopark Odolena Voda**  
Jan Ruzicka, Stepan Mancik
- **Environmental Assessment of Public Buildings – Example Case**  
Jerzy Kwiatkowski, Aleksander Panek
- **Simplified Methods of Building Environmental Assessment in Poland**  
Jerzy Kwiatkowski, Michał Piasecki, Aleksander Panek
- **Change And Continuity In Traditional Environments: Case Of Güzelyurt (Gilveri-Kalvari) - Turkey**  
Ümmügülsüm Ter, Elmas Erdoğan
- **Reuse of monumental buildings as a sustainability component**  
Esra Yaldız

- **Socio-cultural sustainability and an assessing model for reuse adaptation**  
Dicle AYDIN

## Assessment 4

*Thursday 1 July, Hall C, 14:00 - 15:30*

- **Sustainability indicators: measuring the unmeasurable**  
Pekka Huovila, Carmen Antuña Rozado
- **What is green? Benchmarking the environmental performance of sustainable buildings**  
Bastian Wittstock, Katrin Löwe, Anna Braune, Johannes Kreißig, Matthias Fischer
- **Is it Possible to Integrate Accurate Environmental Assessment Methods in Building Sustainability Rating Systems?**  
Ricardo Mateus, Luís Bragança
- **Improving the Indoor Quality with MINERGIE-ECO**  
Rühle Thomas, Severin Lenel

## Assesment 5

*Thursday 1 July, Hall C, 16:00 - 17:30*

- **Adjustment of parameters used for calculation method applied in certification process in poland**  
Aleksander Panek, Joanna Rucińska
- **Sustainability and Performance Assessment and Benchmarking of Buildings**  
Petr Hájek, Antonín Lupíšek, Tereza Pavlů, Tarja Häkinen
- **Chaos Models in Sustainable Building Simulation**  
Xiaoshu Lü, Derek Clements-Croome, Martti Viljanen
- **Estimation of ventilation rates in mechanically ventilated buildings**  
Tao Lu, Xiaoshu Lü, Anssi Knuutila, Martti Viljanen
- **Assessment of residual working life for existing bridges**  
Jana Marková , Milan Holický
- **Determinants of Housing Consumption and Residential Crowding in Hong Kong**  
Wadu Mesthrige Jayantha, Eddie C. M. Hui

## Education 1

*Friday 2 July, Hall D, 9:00 - 10:30*

- **Teaching Sustainable Approach in Architecture School**  
Zdeněk Zavřel, Dalibor Hlaváček, Eduard Schleger
- **Sustainable Building Education at Czech Technical University in Prague**  
Petr Hájek, Karel Kabele, Jan Růžička, Jan Tywoniak
- **Teaching Sustainable Design to the World**  
Richard Sickinger

## Education 2

*Friday 2 July, Hall D, 11:00 - 12:30*

- **Sustainable Education in Earth building**  
Stephan Jörchel, Horst Schröder, Ulrich Röhlen
- **New network offers public authorities the possibility to exchange Experiences and knowledge About sustainable Construction**  
Heimo Staller, Angelika Tisch
- **Experimental atelier: garbage design**  
Katerina Novakova, Henri Achten
- **Education and training in the field of sustainable building design**  
Ingrid Šenitková, Silvia Vilčeková

## Policy 1

*Wednesday 30 June, Hall C, 14:00 - 15:30*

- **Standardization of a sustainable and eco-efficient building material: Earth – A German perspective**  
Urs Müller, Christof Ziegert, Ulrich Röhlen, Horst Schröder
- **Sustainable construction in Poland – a need for strategic approach**  
Sebastian Wall
- **The Role and Importance of an International Standardised Approach to Sustainability Reporting in the Construction and Real Estate Sector**  
Thomas Lützkendorf, David Lorenz, Katherine Miles
- **Towards a carbon neutral settlement in Norway. Science in action. - The case of Brøset, Trondheim**  
Rolf André Bohne, Annemie Wyckmans, Judith Thomsen, Eli Støa
- **Sensitivity analysis of building stock management model**  
Dalibor Vytlačil

## Policy 2

*Wednesday 30 June, Hall C, 16:00 - 17:30*

- **Advanced assessment of industrial heritage buildings for sustainable cities' development**  
Miroslav Sýkora, Milan Holický, Jana Marková
- **Cyprus building energy performance methodology: A comparison of the calculated and measured energy consumption results**  
Gregoris Panayiotou, C.N. Maxoulis, S.A. Kalogirou, G.A. Florides, A.M. Papadopoulos, M. Neophytou, P.A. Fokaides, G. Georgiou, A. Symeou, N. Hadjinikolaou, G. Georgakis
- **Sustainable house? Naturally!**  
Péter Medgyasszay
- **A Review of Structures of Industry Opinion: Contextual Paradigms Surrounding the Emergence of Passivhaus Design in the UK**  
Henrietta Lynch
- **Sustainable building design strategies for Pakistan**  
Muhammad Ali Tirmizi
- **Governance aspects of sustainable building councils – results from a survey**  
Sabine Sedlacek

## **Economy 1**

*Friday 2 July, Hall C, 11:00 - 12:30*

- **The integration of sustainability issues into property valuation theory & practice – An international review**  
David Lorenz, Thomas Lützkendorf
- **Financing in a sustainable building process**  
Kaarin Taipale
- **Integration of sustainability issues into real estate risk analysis as a foundation of real estate portfolio management**  
Christoph Rohde, Thomas Lützkendorf
- **Do Green Building Councils Make Sense? An Economic Analysis**  
Sabine Sedlacek, Gunther Maier
- **Energy Balance Modeling of the Buildings**  
Jiří Karásek
- **The costs and financial benefits on accredited sustainable built asset**  
Matt Fullford

## **List of Posters**

*Throughout all the conference in Foyers*

- **1. Eco-Industrial planning model: “APEA Carpinello” Forlì**  
Massimo Bastiani, Virna Venerucci, Marco Nori, Filippo Giovannini
- **2. Rational Expectation in Facility Management**  
Vaclav Beran, Dask Petr
- **3. Assessment of thermal rehabilitated buildings, from an energetic point of view and of the indoor environment quality in the spirit of the total performance concept**  
Irina Bliuc, Irina Baran
- **4. Towards a carbon neutral settlement in Norway. Science in action. - The case of Brøset, Trondheim**  
Rolf André Bohne, Annemie Wyckmans, Judith Thomsen, Eli Støa
- **5. Parallel commissioning. A new way of planning sustainable settlements.**  
Rolf André Bohne, Annemie Wyckmans, Judith Thomsen, Eli Støa
- **6. Optimized balcony precast elements from fibre concrete**  
Ctislav Fiala, Vlastimil Bilek, Petr Hajek
- **7. Interaction of environmental noise and building construction**  
Marián Flimel
- **8. Implementation of international energy engineering e-courses for promotion of sustainability buildings and communities**  
María Jesús González, Eduardo Montero, Fernando Aguilar
- **9. Despite All Strategies for Enhancing Resource Efficiency, Per Capita Material Stock Is Increasing – Housing Stock And Building Material Flows in Germany 2050**  
Karin Gruhler, Clemens Deilmann
- **10. Market value of sustainability buildings and their market share**  
Renata Schneiderova Heralova
- **11. Environmental parameters of building materials and structures - data uncertainties**  
Julie Hodková
- **12. Important Points of Brownfield Revitalization**  
Jana Horicka
- **13. Algorithmic art-architecture, 3D Voronoi/delaunay automatic generated structure**  
Nina Hedwic Houskova
- **14. Urban canyon effects on Valparaiso**  
Antonio Isalgue, Claudio Carrasco-Aldunate, Helena Coch, Rafael Serra
- **15. Net-Zero Energy Buildings**  
Ladislav Jůna
- **16. EnerCities: educational game about energy**  
Erik Knol, Peter W. de Vries
- **17. Exploitation of an air-ground heat exchanger in a low-energy family house**  
Antonín Kolbábek, Michal Jaroš
- **18. Sustainability of polyurethane thermal insulation – performance assessment at building and building component level**  
Shpresa Kotaji, Oliver Loebel

- **19. Energy performance assessment for existent single family dwellings**  
Constantin Lepadatu, Irina Baran, Irina Bliuc
- **20. Daylight in the building**  
Lenka Maierová, Karel Kabele
- **21. Building Maintenance and Renovation**  
Daniel Macek
- **22. Solving of current brownfields and suburbanization problems within sustainable development of residences and regions. Analysis of current strategies.**  
Alena Mansfeldová, Zuzana Kramářová
- **23. Multicriteria and multilevel optimization tasks application to choose building energy standard**  
Furtak Marcin, Fedorczak-Cisak Malgorzata
- **24. Industrial Heritage towards Sustainability**  
Tomas Med
- **25. Control procedures of efficiency audit**  
Dana Měšťanová
- **26. Energy Certification of buildings: parametrical study on the increasing certification class obtained in residential buildings in Spain**  
Eduardo Montero, Manuel Fernández, Fernando Aguilar, María Jesús González
- **27. Photocatalysis in building technology: a comparison between different light sources**  
Rossana Paparella, Roberta Bertani, Giorgio Garau, Pietro Fiorentin, Alessandro Scroccaro, Fabio Simionato
- **28. Examples of using of recycled polymers (HDPE, PP) for solution of construction details**  
Jan Pěňčík, Libor Matějka
- **29. Legislation for decision-making process in implementation of technical steps for green structures**  
Jan Pěňčík, Radomír Bocek, Marek Foglar
- **30. European LCA Exercise**  
Michał Piasecki
- **31. Evaluation of energy saving arrangements in buildings**  
Ondřej Povýšil
- **32. Domestic Polygeneration Practices for Energy Saving in Building**  
Sergio Sibilio, Carlo Roselli, Maurizio Sasso
- **34. Energy Efficient Buildings – Design and Energy Calculations in Variants**  
Kateřina Sojková
- **35. Passive Office Building – The Effect of Shading and Thermal Mass**  
Kamil Staněk, Marek Ženka
- **36. Building Environmental Assessment System - Weight Determination**  
Ingrid Šenitková, Eva Krídlová Burdová, Silvia Vilčeková
- **37. Static design of thermal insulating steel connections**  
Zuzana Šulcová, Zdeněk Sokol, František Wald

- **38. The Models suitable for Application of Fibre Concrete with recycling material**  
Jan Vodička, Vladimíra Vytlačilová
- **39. Multicriterial evaluation of buildings based on incomplete data model**  
Ludek Vochoc, Vladimír Zdara
- **40. MSc in Sustainable Architecture: Towards a Zero Emission Built Environment**  
Annemie Wyckmans
- **41. Programs for simulation daylight lighting and their use in practise.**  
Martina Zapletalová