The 17th Colloquium
Sustainable Decisions in Built Environment
and
Meeting of EURO Working Group
“OR in Sustainable Development and Civil Engineering”

Agenda

Venue
Vilnius Gediminas Technical University
Sauletekio ave. 11, Vilnius, Lithuania
Central Building, Room SRC704 / Hall SRC602
May 15, 2019

14:30 – 15:00 Registration of participants / Welcome coffee (SRC704)

Plenary session - Overview of international collaboration (SRC704)
15:00 – 15:05 Welcome words from VGTU Rector Alfonsas Daniūnas
15:05 – 15:10 Welcome words from Board chair of EWG ORSDCE Edmundas Kazimieras Zavadskas
15:10 – 15:30 Peldschus F. (Germany). The quantification of multi-criteria decisions
15:30 – 15:50 Kapliński O. (Poland). Overview of the history of trans-border co-operation in construction management and application of operational research
15:50 – 16:00 Vilutienė T. (Lithuania). EURO working group activities promoting the ideas of operations research in areas of civil engineering and sustainable development
16:00 – 16:15 Malienė V. (United Kingdom). It is all about decision making: from property valuation to built environment and land management
16:45 – 17:00 Baušys R. (Lithuania). Neutrosophic Sets and Lithuanian Trend of MCDM Methods
17:00 – 17:15 Podviezko A., Zavadskas E. K., Podvezko V. (Lithuania). Objective estimation of weights based on the FCILOS and FIDOCRIW methods, comprising uncertainty and fuzzy numbers
17:15 – 20:00 **Poster Session and Discussions - New trends of research and innovations**

(Hall 602) **Networking dinner**

**Holschemacher K.** (Germany). *Textile reinforced concrete for sustainable construction*

**Dziadosz A., Meszek W.** (Poland). Monte Carlo analysis in Life Cycle Costing - case study

**Gajzler M.** (Poland). Big data in construction - text mining analysis of selected data sources

**Katafoni K., Paslawski J.** (Poland). Risk management based on technological flexibility

**Nowotarski P., Paslawski J.** (Poland). Lean Management implementation in SME

**Vabuolytė V., Burinskiene M.** (Lithuania). Evaluation of industrial parks efficiency for sustainable land use

**Kaklauskas A., Velykorusova A., Skirmantas D.** (Lithuania). Development of the video neuroadvertising method and recommender system

**Turskis Z., Šileikaitė I., Keršulienė V., Gaidukas G.** (Lithuania). A new group fuzzy multi-criteria model for selecting innovative design solutions

**Tamošaitienė J., Starta T.** (Lithuania) Integration of LEAN in construction processes

**Morkūnaitė Ž., Podvezko V.** (Lithuania) Criteria evaluation for contractor selection in cultural heritage projects using multiple criteria approach

**Tamošaitienė J., Lapeikytė M.** (Lithuania) The risk assessment model for construction projects including value creation and protection aspects

**Shkundalov D., Vilutienė T.** (Lithuania). The analysis of Web technologies for BIM model processing

**Šliogerienė J., Vilutienė T.** (Lithuania). The evaluation model of public buildings' management efficiency with emphasis on social aspect

**Tamošaitienė J., Lapeikytė M.** (Lithuania). Model of occupational safety risks assessment at concrete construction works by applying TODIM method

**Starynina J., Ustinovičius L., Vaišnoras M.** (Lithuania). Sustainable modernization method to increase energy performance of the public buildings using BIM techniques

**Kontrimovičius R., Ustinovičius L., Vaišnoras M.** (Lithuania). Creation of information system prototype to optimize construction site plan, using virtual reality technology

**Pavlovskis M., Migilinskas D., Antuchevičienė J., Kutut V.** (Lithuania). Implementing BIM for industrial and heritage building conversion