PROGRAMME
Registration 9.00 – 9.30

Opening
9.30 – 9.40 Greetings by the dean of Faculty of Civil Engineering and Architecture prof. Dr. Andrius Jurelionis

Plenary session

1 J. Šadauskienė, D. Pupeikis
Review of BIM implementation in Higher Education

2 L. G. Li, J. Zhu, A. K. H. Kwan, P. L. Ng
Synergistic Effect of Micro–Silica and Nano–Silica on Compressive Behaviour of Concrete

3 A. Riekstins
Digital Prototyping and Augmented Reality Models for Studies of Architectural Design

11.10 – 11.30 Coffee Break

Sections
1 Architecture and Building Information Modeling
11.30 – 12.45 CHAIRMEN: assoc.prof. J. Šadauskienė (Lithuania), prof. K. Zaleckis (Lithuania)

4 G. Antonelli
Spatial Planning and Architectural Innovation in the Roman Town of Oriculum

5 V. Baltus, L. Jankauskaitė–Jurevičienė, T. Žebrauskas
Parametric Architecture Today and Tomorrow

6 A. Mlinkauskienė, L. Jankauskaitė–Jurevičienė, P. Christensen, L. Finocchiaro, G. Lobaccaro
BIM Integration Possibilities in Different Study Cycles of Architecture Study Programme

7 V. Prilenska, M. Feofilovs
(Un)Plugging: Serious Game as a Tool for Education and Exploration

8 B. Vèrpe
The Contemporary Resort Architecture in Jurmala, Latvia. Case of Dzintaru Prospect

12.45 – 13.30 Lunch Break
2 Building Physics and Building Services. Construction Technology and Management

14.00 – 15.30
CHAIRMEN: Assoc. prof. R. Apanavičienė (Lithuania), Assoc. prof. L. Šeduikytė (Lithuania)

9 J. Černeckienė, L. Stasiulienė, R. Valančius, J. Vaičiūnas, E. Perednis
Analysis of the Criteria for Selecting Heating Systems for Residential Buildings in Cold Climate

10 A. Levinskytė, R. Blūdžius, R. Kapčiūnas
The Comparison of a Numerical and Empirical Calculation of Thermal Transmittance of Ventilated Facade with Different Heat-Conductive Connections

11 P. Kavaliauskas, M. Daukšys
Research on Installation Technologies of Corrosion Protection for Steel Structures

12 A. Singh, A. Mutiari, C. Alexander, D. Arteta, F. E. del Pozo Jr, R. Valančius
Solar Photovoltaic Systems in Built Environment: Today Trends and Future Challenges

13 R. M. Singh, R. Valančius
Future Trends for Heat Pumps Usage: Energy Piles, Energy Walls, and Energy Tunnels

14 T. Ždankus, J. Černeckienė, L. Greičius, V. Stanevičius
Wind Energy Usage for Building Heating Applying Hydraulic System

15 R. Balevičius, M. Augonis
The Effects of Bond, Shrinkage and Creep on the Cracking Resistance of Regular, pre- and post-Tensioned Reinforced Concrete Members
16  E. Ivanauskas, A. Paševeckas, D. Abrektas, S. Meškauskas
The Influence of Environmental impact on the Beam of Laminated Veneer Lumber (LVL)

17  W. Kubissa, R. Jaskulski, P. L. Ng, J. Chen
Utilisation of Copper Slag Waste and Heavy-Weight Aggregates for Production of Pre-cast Shielding Concrete Elements

18  T. Lisauskas, M. Augonis
The Analysis of the State of Stress of Carbon Fiber Reinforced Concrete Elements Evaluating the Influence of the Bond

19  V. Sasnauskas
Alkali Activated Cement Composites with Carbon Nanotubes

20  D. Zabulionis, M. Augonis
Representation of the Combinations of the Actions According to EN1990 in the Framework of the Set Theory

21  D. Židanavičius, M. Augonis
The Analysis of Rational Composition Parameters of Steel Beam Bridge

22  G. Cinelis, J. Mockienė, M. Ivaškevičius
Parametrically driven building energy information modelling as a design method

23  M. Žagarinskas, M. Daukšys, J. Mockienė
Research on Installation Technologies of Retaining Walls with Ground Anchors

24  R. Kudirka, M. Daukšys, S. Juočiūnas
Research on the concrete mixture stability and sliding on the inclined plane

25  A. Daugėlaitė, I. Gražulevičiūtė–Vileniškė
Urban Acupuncture: Research of Analogues

26  D. Rekus, J. Krilavičius, V. Kriaucīnaitė–Neklejonovienė
Analysis of the accuracy of different geodesic measurements methods for measuring roads

27  T. Gužauskas, O. Viliūnienė
Building Information Model Application in The Construction Phase

28  D. Martinavičius, M. Augonis, N. Adamukaitis, T. Zingaila
Experimental and Numerical Investigation of Concrete Filled Closed Section Steel Beams
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