

## PROGRAMME

Wednesday (23th May)

<b>09.00 – 12.30</b>	<b>Registration</b>
<b>10.30 – 11.00</b>	<b>Opening ceremony (Prof. Busmanis' Room)</b>
	<p><b>Aigars Laizāns</b>, Vice-Rector of Studies, Latvia University of Life Sciences and Technologies <b>Artis Dzirkalis</b>, Chairman of the Construction Council of Latvia <b>Daiga Zigmunde</b>, Dean of the Faculty of Environment and Civil Engineering <b>Andrzej Pawłowski</b>, co-chair of the conference organising committee, Wrocław University of Environmental and Life Sciences, Poland <b>Anabela Paiva</b>, co-chair of the conference organising committee, University of Trás-os-Montes e Alto Douro, Portugal <b>Lilita Ozola</b>, chair of the conference scientific committee, Latvia University of Life Sciences and Technologies, Jelgava, Latvia <b>Ulvis Skadiņš</b>, chair of the conference organising committee, Latvia University of Life Sciences and Technologies, Jelgava, Latvia</p>
<b>11.00 – 11.15</b>	<b>Musical moment</b>
<b>11.15 – 11.45</b>	<b>Coffee Break</b>
<b>11.45 – 13.00</b>	<b>Keynote Session (Room 117)</b> <b>Chair: Andrzej Pawłowski</b>
	<p>Recent contributions of CMADE for a more sustainable building industry <i>Jorge Tiago Pinto</i></p> <p>Experimental Safety Evaluation of Structures (Case Study) <i>Artis Dzirkalis, Mārtiņš Matīss</i></p> <p>Potential of Artificial Intelligence in Civil Engineering. <i>Ulvis Skadiņš</i></p>
<b>13.00 – 13.45</b>	<b>Lunch</b>
<b>13.45 – 14.30</b>	<b>Visiting of Laboratories of the Faculty</b>

**14.30 – 16.00**

**Session (Room 117)**

**Chair: Anabela Paiva**

Investigation of Friction Between Gravelly Sand and Non-Woven Geotextile and Textured HDPE Membrane with Usage of Inclined Plane

*Andrzej Pawłowski*

Structural and Material Characterisation of a Haussmannian Housing Complex at La Madeleine, Paris

*Rui Cardoso, Anabela Paiva, Jorge Pinto and João Lanzinha*

Improvement of Strength and Durability of Foam Gypsum Acoustic Plate

*Kristaps Puļķis, Santa Soloveiko, Juris Skujāns*

Research on Creep of High Performance Foamed Concrete Cylinders in Compression

*Eva Namsone, Rihards Gailītis, Leonids Pakrastins, Genadijs Sahmenko and Elvija Namsone*

The Influence of Micro and Nanosilica Additives on the Sealing Properties of Frost-Susceptible Subsoil

*Zofia Zięba, Kinga Witek, Jakub Mońka*

**16.00 – 16.30**

**Coffee Break**

**16.30 – 18.00**

**Session (Room 117)**

**Chair: Jorge Tiago Pinto**

Research and Design of Timber-Concrete Composite Vehicular Bridges

*Raitis Lācis*

The Influence of Fatigue Load on Bearing Capacity of Steel Plates in Bolted Connections

*Kamil Pawłowski, Janis Kreilis and Agata Włóka*

Misleading Results of FEM Used in Structure Analysis of High Rise Concrete Buildings

*Ulvis Skadiņš*

Physical and Mechanical Properties of the Particleboard P4 Depending on Moisture Content

*Regino Kask, Harri Lille, Jaanus Ljahov and Aleksander Rebane*

**19.00**

**Welcome Drink at the Jelgava Palace**

## Thursday (24th May)

**09.30 – 11.00**

### **Session (Room 117)**

**Chair: Zofia Zięba**

Modelling Stability of the North-Western Slopes of The Gediminas Castle Hill  
*Raimondas Sadzevicius, Rytis Skominas, Vitas Damulevicius*

Technical Solution Problems of Concrete Industrial Ground Floors in Latvia  
*Silvija Strausa, Sandra Gusta and Mareks Pavars*

Reconstruction of “The Castle House” in Lamego  
*Carla Teixeira, António Moutinho and Isabel Bentes*

Strength Classification of Historical Wooden Elements  
*Maciej A. Orzechowski, Radosław Tatko, Katrin Huć, Jerzy Sobota*

Pathologies in an Unfinished Reinforced Concrete Building  
*Jorge Pinto, Alberto Silva, Anabela Paiva*

**11.00 – 11.30**

### **Coffee Break**

**11.30 – 12.30**

### **Session (Room 117)**

**Chair: Silvija Štrausa**

Pathologies in Old Buildings of The Historic City Center of Vila Real  
*Andreia Queirós, Anabela Paiva and Jorge Pinto*

The Impact of Knots on the Strength of Structural Timber Elements  
*Wojciech Tomaszewski, Radosław Tatko, and Maciej Orzechowski*

Reuse of Old State Buildings in Cabeceiras de Basto  
*Vítor Magalhães, Anabela Paiva and Jorge Pinto*

Earth as a Traditional Building Material in Meseta Ibérica  
*Jorge Pinto, Ana Antunes, Ricardo Bento*

Urban Rehabilitation in Historic City Centers – Case Study of Vila Real  
*Jorge Pinto, Rui Carvalho, Anabela Paiva*

**12.30 – 13.30**

### **Lunch**

**13.30 – 14.30**

**Closing Ceremony**

**Daiga Zigmunde**, Dean of the Faculty of Environment and Civil Engineering

**Andrzej Pawłowski**, co-chair of the conference organising committee, Wrocław University of Environmental and Life Sciences, Poland

**Jorge Tiago Pinto**, co-chair of the conference scientific committee, University of Trás-os-Montes e Alto Douro, Portugal

**Lilita Ozola**, chair of the conference scientific committee, Latvia University of Life Sciences and Technologies, Jelgava, Latvia

**Ulvis Skadiņš**, chair of the conference organising committee, Latvia University of Life Sciences and Technologies, Jelgava, Latvia

**14.30 – 15.30**

**Meeting of Organizing Committee**

**15.30**

**Walking tour in Jelgava**

**18.00**

**Conference Dinner**

**Friday (25th May)**

**09.00 – 16.00**

**Technical and social tour**

- Reconstruction site of Mežaparks Open-Air stage
- National Library of Latvia
- Latvian National Museum of Art
- Returning to Jelgava