

International Scientific Conference SOCIETY. TECHNOLOGY. SOLUTIONS

And

12<sup>th</sup> Student Research Conference

**SCHEDULE**

**April 25<sup>th</sup> Tērbatas street 10, Valmiera, Latvia, LV-4201**

19:00-20:00 Introduction to ViA engineering faculty, laboratories, research activities and cooperation possibilities. Meeting with international conference organising committees and keynote speakers

20:00-22:00 Welcome dinner and networking event

**April 26<sup>th</sup> Cēsu street 4, Valmiera, Latvia, LV-4201**

9:00-10:00 Ground floor hall Registration

9:00-10:00 First floor hall Coffee

10:00-10:15 Room A **Conference opening**

10:15-12:40 Room A Keynote speakers section

**12:40-14:00 First floor hall Lunch**

14:00-15:00 Room A E-learning management and technologies, Virtual reality technologies and visualization

14:00-15:00 Room B Sustainable national economy and knowledge society, Communication ecosystem and technologies

14:00-15:00 Room C Socio-technical system modelling, Smart technologies and eco-buildings

14:00-15:00 Room D 12<sup>th</sup> Student Research Conference

**15:00-15:20 First floor hall Coffee**

15:20-16:40 Room A E-learning management and technologies, Virtual reality technologies and visualization

15:20-16:40 Room B Sustainable national economy and knowledge society, Communication ecosystem and technologies

15:20-16:40 Room C Socio-technical system modelling, Smart technologies and eco-buildings

15:20-16:40 Room D 12<sup>th</sup> Student Research Conference

**16:40-17:10 First floor hall Coffee**

17:10-17:30 Room A Closing remarks

**19:00-21:00 Gala dinner\***

\*The restaurant will be specified at the day of the Conference

## ROOM A

10:00-10:15	Conference opening	
<b>Keynote speakers section</b>		
10:15-10:35	Prof. Dr. <b>Agita Līviņa</b> , Vidzeme University of Applied Sciences, Latvia	Talent retention, attraction and the required further skills for employees in winning cities in rural regions
10:35-10:55	Research Director <b>Ilkka Lakaniemi</b> , Center for Knowledge and Innovation Research, Finland	Sustainable National Economy and Knowledge Society in the Era of Intelligent Technologies and Platforms
10:55-11:15	Prof. Dr. <b>Anna Carbone</b> , Applied Science and Technology Department, Italy	Digital Platforms for Interoperable, Secure and Sustainable Ecosystems
<b>11:15-11:40</b>	<b>First floor hall</b>	<b>Coffee</b>
11:40-12:00	Assoc. Prof. Dr. <b>Arnis Cīrulis</b> , Vidzeme University of Applied Sciences, Latvia	Involvement and trends to develop projects based on VR/AR/XR technologies
12:00-12:20	Prof. Dr. <b>Abdel Badeeh M. Salem</b> , Ain Shams University, Egypt	Artificial Intelligence Technology in Smart Learning and Education: Methodologies, Applications and Challenges
12:20-12:40	<b>Andrew Janis Folkonis</b> , European Commission (retired)	From Horizon 2020 to Horizon Europe, what changes?
<b>12:40-14:00</b>	<b>First floor hall</b>	<b>Lunch</b>
<b>E-learning management and technologies, Virtual reality technologies and visualization section</b>		
14:00-14:20	Dzintra Kazoka [2] Mara Pilmane [2]	Digital Era in Cross-Sectional Human Anatomy: The Use of Detailed Images in the Study Process
14:20-14:40	Evija Mirke [3] Sarma Cakula [1] Lilian Tzivian [4]	Measuring Teachers-As-Learners' Digital Skills And Readiness to Study Online for Successful e-Learning Experience
14:40-15:00	Mara Pilmane [2] Elga Sidhoma [2] Zane Vitenberga [2]	Development of a microscopy slide system of basic subjects for inclusion in e-studies for medical and dentistry students
<b>15:00-15:20</b>	<b>First floor hall</b>	<b>Coffee</b>
15:20-15:40	Loreta Juškaite [3]	Mobile Apps for teaching Physics: using applications in Latvian schools
15:40-16:00	Valdis Priedols [5] Anita Jansone [5]	Virtual laboratories in science and engineering
16:00-16:20	Ieva Gintere [1]	Towards a New Digital Game of Contemporary Aesthetics
16:20-16:40	Karlis Krumins [1] Sarma Cakula [1]	Input determination for models used in predicting student performance

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[3] Riga Technical University, Latvia

[4] University of Latvia, Latvia

[5] Liepāja University, Latvia

## ROOM B

### **Sustainable national economy and knowledge society, Communication ecosystem and technologies**

14:00-14:20	Edgars Dubocskis [6] Eduards Rācenis Oskars Krišāns [7] Jānis Donis [7] Guntars Šņepsts [7] Āris Jansons [7]	Financial implications of storm damage to coniferous forests in Latvia
14:20-14:40	Dins Sumerags [2] Mara Pilmane [2] Gunta Sumeraga [2]	The Use of Airflow Tests and Anthropological Measurements in Assessing the Voice Range of Professional Singers
14:40-15:00	Feliciana Rajevska [1]	The Strengths and weaknesses of financing social protection in Latvia
<b>15:00-15:20</b>	<b>First floor hall</b>	<b>Coffee</b>
15:20-15:40	Solveiga Luguza [6] Endijs Bāders [7] Pauls Zeltiņš [7] Roberts Čakšs [7] Dainis Edgars Ruņģis [7] Āris Jansons [7]	The intensive management of Norway spruce: a compromise between financial gain and genetic diversity?
15:40-16:00	Janis Brizga [4] Harri Moora [8] Ojars Balcers [1]	Deposit Refund System for Beverage Containers in Latvia: Learnings within the Baltic States
16:00-16:20	Aigars Indriksons [6] Mārtiņš Graudums [6]	Energy wood stores in undergrowth of forests in Latvia
16:20-16:40	Edīte Kalniņa [3]	Learning Agility as a Predictor of High Performance and Potential: A Case study from Healthcare Industry

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[6] Latvia University of Life Sciences and Technology, Latvia

[7] LSFRI Silava, Latvia

[8] Stockholm Environment Institute Tallinn Centre, Estonia

## ROOM C

<b>Socio-technical system modelling and smart technologies</b>		
14:00-14:20	Uldis Žaimis [5] Dzintars Tomsons [5] Valdis Priedols [5]	Simple data approximation for computer and controller-aided devices
14:20-14:40	Adewunmi Obafemi Ogunbase [1]	The Challenges facing Smart Technology Use in the Implementation of Electronic Education and Export Education
14:40-15:00	Oskars Java [1]	The Specification of Hydrological Model Requirements for Bog Restoration
<b>15:00-15:20</b>	<b>First floor hall</b>	<b>Coffee</b>
15:20-15:40	Madara Pauga [1] Sarma Cakula [1]	The impact of using technology-based communication on the quality of work relationships
15:40-16:00	Normuns Mihailovs [1] Sarma Cakula [1]	Dynamic System Sustainability Simulation Modelling
16:00-16:20	Mairita Zake [1] Michal Kepka [9] Ginta Majore [1]	An Integrated Approach for Socio-Technical Systems Analysis by the Application of a Web Map Solution
16:20-16:40	Jānis Kapenieks [3]	A Web-based fast and reliable text classification tool

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[8] Stockholm Environmental Institute Tallinn Centre, Estonia

[9] University of West Bohemia, Czech Republic

## ROOM D

### 12<sup>th</sup> Student research conference

14:00-14:10	Rugilė Gecaitė [2]	Internal communication at Kaunas college: the survey of students' opinion
14:10-14:20	Vera Grāvīte [1]	Creative industries: Fashion events as a tourism product. Case study of Riga fashion week
14:20-14:30	Vilma Petrošiūtė [2] Živilė Nemickienė [2]	The Phenomenon of Cryptocurrency in the Light of Cultural, Social-Psychological, Political and Artistic Aspects
14:30-14:40	Anda Arkliņa [1]	Ziemeļvidzemes biosfēras rezervāta ilgtspējīgas attīstības profila indikatoru izvērtējums
14:40-14:50	Monika Sadauskaitė [2] Brigita Mažuknaitė [2]	Global Crisis: What to Expect and What to Evaluate
14:50-15:00	Dana Āre [1]	Latvijas tūrisma galamērķa zīmola nozīme darījumu tūrisma kontekstā
<b>15:00-15:20</b>	<b>First floor hall</b>	<b>Coffee</b>
15:20-15:30	Milvydė Kanapinskaitė [2] Matas Vengraitis [2] Ignas Navickas [2]	Business communication with Cuban representatives
15:30-15:40	Ieva Lauskiniece [1]	Vidzemes reģiona iedzīvotāju iesaiste mūžizglītības programmās
15:40-15:50	Gintautė Černiauskaitė [2] Emilija Stravinskaitė [2]	Business communication between Lithuania and Italy
15:50-16:00	Dailis Langovskis [1]	Automatizēta protokolu izrakstīšanas sistēma Valsts policijai
16:00-16:10	Vita Vigėlytė [2]	The Threats and opportunities of Bitcoin
16:10-16:20	Zane Krūmiņa [1]	Tūrisma informācijas sniedzēju darbība Latvijā un to aktuālās problēmas
16:20-16:30	Jokubas Kerevicius [2]	The Impact of Tourism on Economic Growth
16:30-16:40	Monta Brīnuma [1]	Vardarbība ģimenē: institūciju sadarbība tās novēršanā Vidzemes reģiona pašvaldībās

[1] Vidzeme University of Applied Sciences, Latvia

[2] Kauno kolegija: University of Applied Sciences, Lithuania