

## Baltic DB&IS 2022 Programme

July 3		July 4		July 5		July 6	
	15:00 -22:00 Registration		8:00-18:00 Registration		8:30-14:00 Registration		8:30-15:00 Registration
8:30-9:00			<b>Conference Opening</b> <i>Small Hall</i>				
9:00-9:45			<b>Keynote: Robert E. Tarjan</b> <i>Chair: Olegas Vasilecas</i> <i>Small Hall</i>		<b>Keynote: Marlon Dumas</b> <i>Chair: Marite Kirikova</i> <i>Small Hall</i>		<b>Keynote: Alvis Brazma</b> <i>Chair: Laila Niedrite</i> <i>Small Hall</i>
9:45-10:00			Break to change the rooms		Break to change the rooms		Break to change the rooms
10:00-11:00			<b>Computer Science Models, Methods, Algorithms, and Tools for Digital Business</b> <i>Chair: Diana Kalibatiene</i> <i>Auditorium 13</i>		<b>IT Support for Digital Transformation</b> <i>Chair: Audrone Lupeikiene</i> <i>Auditorium 13</i>		<b>Computer Science Models, Methods, Algorithms, and Tools for Digital Business</b> <i>Chair: Kurt Sandkuhl</i> <i>Auditorium 13</i>
			Elevator Passenger In-Cabin Behaviour – a Study on Smart-Elevator Platform <i>by Kevin Basov, Tarmo Robal, Uljana Reinsalu, and Mairo Leier</i>		Temporal Multi-View Contracts for Efficient Test Models <i>by Jishu Guin, Jüri Vain, Leonidas Tsiopoulos, and Gert Valdek</i>		On Web Service Quality using Multi-Criteria Decision-Making and Fuzzy Inference Methods <i>by Diana Kalibatiene and Jolanta Miliauskaitė</i>
			Efficient Access Control to Parking Space for Different Customer Segments <i>by Thomas Müller, Gunther Piller, and Franz Rothlauf</i>		Features of Quantified Products and their Design Implications <i>by Kurt Sandkuhl</i>		Universal Methodology for Objective Determination of Key Performance Indicators of Socioeconomic Processes <i>by Girts Karnitis, Janis Bicevskis, Andris Virtmanis, and Edvins Karnitis</i>
			Forum: Visualization of Indoor Sensor Data to Reduce the Risk of Covid-19 Infection <i>by Laila Niedrite, Guntis Arnicans and Darja Solodovnikova</i>		Forum: Regression Testing: Test Cases for Graphical Images <i>by Janis Bicevskis, Edgars Diebelis, Zane Bicevska and Andrejs Neimanis</i>		Forum: Causal Knowledge Modelling for Agile Development of Enterprise Application Systems <i>by Karolis Noreika and Saulius Gudas</i>
11:00-11:30			<b>Coffee break</b>		<b>Coffee break</b>		<b>Coffee break</b>
11:30-13:00			<b>Knowledge and Knowledge Technologies for Digital Business and Intelligent Systems</b> <i>Chair: Sergejs Kozlovičs</i> <i>Auditorium 13</i>		<b>Artificial Agents and Smart Systems for Digital Business</b> <i>Chair: Janis Grabis</i> <i>Auditorium 13</i>		<b>Data, Data Science, and Computing for Digital Business and Intelligent Systems</b> <i>Chair: Janis Grundspenkis</i> <i>Auditorium 13</i>

		Automatic Speech Recognition Model Adaptation to Medical Domain Using Untranscribed Audio <i>by Askars Salimbajevs and Jurgita Kapočūtē-Dzikiēnē</i>	From Smart Life to Smart Life Engineering: a Systematic Mapping Study and Research Agenda <i>by Elena Kornyshova, Rebecca Deneckère, Eric Gressier-Soudan, John Murray, Sjaak Brinkkemper</i>	Outlier Analysis for Telecom Fraud Detection <i>by Viktoras Chadyšas, Andrej Bugajev, Rima Kriauzienė, and Olegas Vasilecas</i>
		On the Automatisation of the Realisation of a Banduke Table <i>by Antoine Bossard</i>	Retail Self-Checkout Image Classification Performance: Similar Class Grouping or Individual Class Classification Approach <i>by Bernardas Ciapas and Povilas Treigys</i>	ModViz: A Modular and Extensible Architecture for Drill-Down and Visualization of Complex Data <i>by David Rademacher, Jacob Valdez, Endrit Memeti, Kunal Samant, Abhishek Santra, and Sharma Chakravarthy</i>
		Improved Content Model in Personalized Adaptive E-Learning System <i>by Vija Vagale, Laila Niedrite, Andris Vagalis, and Svetlana Ignatjeva</i>	Shared SAT Solvers and SAT Memory in Distributed Business Applications <i>by Sergejs Kozlovičs</i>	Efficient Computation of All-Window Length Correlations <i>by Adam Charane, Matteo Ceccarello, Anton Dignös, and Johann Gamper</i>
		Forum: Towards ONTO6 Framework for Concept Elicitation <i>by Uldis Straujums</i>	Forum: Awareness and development of Industry 4.0: Case of Latvia <i>by Sintija Petrovica, Alla Anohina-Naumeca and Maija Strautmane</i>	Forum: Towards a Human-in-the-Loop Intelligent Intrusion Detection System <i>by Evita Roponena, Jānis Kampars, Jānis Grabis and Andris Gailītis</i>
<b>13:00-14:30</b>		<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>14:30-15:15</b>		<b>Keynote: Talal G. Shamoan</b> <i>Chair: Guntis Arnicans</i> <i>Auditorium 13</i>	<b>Excursion to Palace and Dinner</b> <b>Departure at 14:45</b>	<b>Miscellaneous from FORUM</b> <b>14:30-15:20</b> <i>Chair: Zane Bicevska</i> <i>Auditorium 13</i>
				Systems of Systems Perspective in IT Project Quality Management <i>by Marite Kirikova, Janis Grundspenkis, Arnis Stasko (short - 15min)</i>
				Towards Computer-Assisted Latvian ICT Terminology Development <i>by Dace Šostaka and Juris Borzovs (short - 15min)</i>

				Frustration Level Analysis in Customer Support Tweets for Different Languages <i>by Viktorija Leonova and Jānis Zuters</i>
15:15-15:30	<b>DC opening</b> <i>Auditorium 13</i>	<b>Coffee break</b>		<b>Closing with coffee at 15:30</b>
15:30-17:30	<b>Keynote: Dr. Abdelkader Hameurlain</b> <b>15:30-16:30</b> <i>Chair: Tarmo Robal</i> <i>Auditorium 13</i>	<b>IT Support for Digital Transformation</b> <i>Chair: Uldis Straujums</i> <i>Auditorium 13</i>		
	<b>16:30-17:00</b> <b>Coffee break</b>	The Direction of the Future Development of ERP and BPMS: Towards a Single Unified Class? <i>by Marek Szelaḡowski, Justyna Berniak-Woźny, and Audrone Lupeikiene</i>		
		Using Topological Functioning Model to Support Event-Driven Solutions <i>by Sai Teja Deharam and Gundars Alksnis</i>		
	<b>Doctoral Consortium</b> <b>17:00-18:15</b> <i>Chair: Girts Karnitis</i> <i>Auditorium 13</i>	Forum: Extention Of Functionality of Geographical Information System for Integration of Assessment of Surface Water Bodies <i>by Dale Dzemydiene, Saulius Maskeliūnas and Giedre Dzemydaite</i>		
	Comparison of business process modelling approaches <i>Šarūnė Sielskaitė</i>	Forum: Web 3.0 Adoption Behavior: PLS-SEM and Sentiment Analysis <i>by Waqas Ahmed, Habiba Akter, Sheikh Muhamad Hizam, Ilham Sentosa and Muhamad Noorman Masrek</i>		
	Enhanced Enterprise Architecture Framework for M&A PMI <i>Ksenija Lāce</i>			
18:00-22:00	<b>Welcome party</b> <b>18:30</b>	<b>Excursion/Steering committee meeting</b> <b>18:00-meeting at entrance</b>		