

PROGRAM

the 24th International Conference
on Information Technology „IVUS 2019“

April 25, 2019 Kaunas, Lithuania
Address: Vileikos st. 8, LT-44404, Kaunas
(54.894397,23.951656)

9:00 – 10:00	Registration (1 st floor)	
10:00-10:20	Opening (M. Briedienė, prof. dr. Daiva Vitkutė-Adžgauskienė, quest) (318 a.)	
10:20-10:40	Invited speaker Linas Vaitulevičius (Rubedos) (318 a.)	

Session I (318 a.)

Session II (116 a.)

10:40-10:55	<u>Monika Gasparaitė</u> and <u>Saulius Ragaišis</u> "Comparison of DevOps maturity models"	
10:55-11:10	<u>Rasa Kasperienė</u> and <u>Tomas Krilavičius</u> "Content Analysis Methods for Estimating the Dynamics of Facebook Groups" (R)	<u>Jonas Brusokas</u> and <u>Linas Petkevičius</u> "Numerical analysis of SLSSIM similarity on medical X-ray image domain"
11:10-11:25	<u>Mantas Jurgelaitis</u> , <u>Vaidotas Drungilas</u> , <u>Lina Čeponienė</u> , <u>Rita Butkienė</u> and <u>Evaldas Vaičiukynas</u> "Modelling Principles for Blockchain-based Implementation of Business or Scientific Processes"	<u>Nerijus Šatkauskas</u> "Composition of the information security methods for a smart environment and the research"
11:25-11:40	<u>Edgaras Baranauskas</u> , <u>Jevgenijus Toldinas</u> and <u>Boriss Lozinskis</u> "Evaluation of the impact on energy consumption of MQTT protocol over TLS"	<u>Jonas Uus</u> and <u>Tomas Krilavičius</u> "Detection of Different Types of Vehicles from Aerial Imagery"
11:40-11:55	<u>Raimundas Savukynas</u> "Security Means for Identification and Access to Objects in the Internet of Things Environment."	<u>Mantas Butkus</u> and <u>Vytautas Galvanauskas</u> "Mathematical Model Library for Recombinant E. coli Cultivation Process"
11:55-12:10	<u>Richard Megrelshvili</u> , <u>Melkisedeg Jinjikhadze</u> , <u>Avtandil Gagnidze</u> , <u>Maksim Iavich</u> and <u>Giorgi Iashvili</u> "Generation of high order primitive matrix elements with elements of abelian multiplicative groups with different power for post-quantum key exchange protocol" (R)	<u>Karolina Kešik</u> "Markov chains as a simulation technique for epidemic growth" (R)
12:10-12:25	<u>Karolis Butkus</u> and <u>Tautvydas Čeponis</u> "Accuracy of throwing distance perception in Virtual Reality"	<u>Linas Balčiūnas</u> "Context Based Number Normalization using Skip-Chain Conditional Random Fields"
12:25-12:50	Coffee break (3 rd floor)	

Session III (318 a.)

Session IV (116 a.)

12:50-13:05	<u>Behzad Soleimani Neysiani</u> and <u>Seyed Morteza Babamir</u> "Fast Language-Independent Correction of Interconnected Typos to Finding Longest Terms" (R)	
13:05-13:20	<u>Maksim Iavich</u> , <u>Giorgi Iashvili</u> , <u>Avtandil Gagnidze</u> , <u>Sergiy Gnatyuk</u> and <u>Vira Vialkova</u> "Lattice Based Merkle"	<u>Žygimantas Meškauskas</u> „CWW Enhanced Fuzzy SWOT Evaluation for Risk Analysis and Decision Making under Uncertainty“
13:20-13:35	<u>Simonas Baltulionis</u> , <u>Vilius Turenko</u> , <u>Mindaugas Vasiljevas</u> , <u>Robertas Damaševičius</u> and <u>Tatjana Sidekerskienė</u> "Validation of VARK questionnaire using gaze tracking data"	<u>Lukas Stankevičius</u> and <u>Mantas Lukoševičius</u> "Lithuanian news clustering using document embeddings"
13:35-13:50	<u>Dovilė Kuiziniene</u> , <u>Aušra Varoneckienė</u> and <u>Tomas Krilavičius</u> "Cryptocurrencies short-term forecast: application of ARIMA, GARCH and SVR models"	<u>Matas Dumčius</u> and <u>Tomas Skersys</u> "Improvement and Digitalization of Business Processes in Small-Medium Enterprises"
13:50-14:05	<u>Elza Jintcharadze</u> and <u>Maksim Iavich</u> "Public-Key hybrid cryptosystem based on Blowfish and RSA"	<u>Donatas Bartkus</u> and <u>Eligijus Sakalauskas</u> "Authenticated key agreement protocol using Schnorr identification"
14:05-14:20	<u>Jovita Bankauskaitė</u> "Comparative Analysis of Enterprise Architecture Frameworks"	<u>Jonas Žalinkevičius</u> and <u>Rita Butkienė</u> "Automatic Detection of Contraindications of Medicines in Package Leaflet"
14:20-14:35	<u>Vilius Turenko</u> , <u>Simonas Baltulionis</u> , <u>Mindaugas Vasiljevas</u> and <u>Robertas Damaševičius</u> "Analysing program source code reading skills with eye tracking technology"	<u>Vilma Sukackė</u> "Positive and Negative Aspects of Technology-Enhanced Learning as Indicated in Scientific Discourse"
14:35-14:50	<u>Alicja Winnicka</u> "Impact of manipulation on initial population in heuristics"	<u>Karolis Noreika</u> and <u>Saulius Gudas</u> "Aligning Agile Software Development with Enterprise Architecture Framework"
14:50-15:05	<u>Monika Briedienė</u> , <u>Valdas Kilpys</u> and <u>Tomas Krilavičius</u> "Media Analysis that Reflects the Spread of anti-Christian Opinion"	
15:05-15:20	Concluding Remarks. Best paper award. Closing (318 a.)	
15:20-15:50	Coffee break (3 rd floor)	

Conference virtual room:

<https://ac.vdu.lt/ivus> (sessions in 318 a.)

<https://ac.vdu.lt/ivus2> (sessions in 116 a.)

*(R) – remote presentation