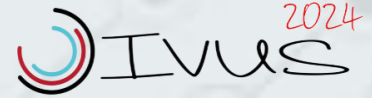


29TH INTERNATIONAL CONFERENCE INFORMATION SOCIETY AND UNIVERSITY STUDIES PROGRAMME*



08:30 - 09:00 Registration			
09:00 - 09:10 Opening. Welcome and Introductory Remarks.			
09:10 - 09:40 Key Note Speaker. Mindaugas Kondrotas. Celonis. Process Mining: Turning Data into Value			
09:40 - 09:50	Dalius Gudeika Density Functional Theory Calculations in Designing Symmetric and Asymmetric TADF Emitters	10:40 - 10:50	Ilona Veitaitė and Audrius Lopata Financial Anomalies Detection Method Example
09:50 - 10:00	Mukhriddin Arabboev, Shohruh Begmatov, Mokhirjon Rikhsivoev, Saidakmal Saydiakbarov, Zukhriddin Khamidjonov, Sardor Vakhkhobov, Khurshid Aliyarov and Khabibullo Nosirov Analysis of Datasets Created to Assess the Risk of Developing Gestational Diabetes Mellitus	10:50 - 11:00	Gytis Baravykas, Justas Kardoka, Domas Grigaliunas and Darius Naujokaitis Assigning Different Activation Functions in Artificial Neural Networks with the Goal of Achieving Higher Prediction Accuracy
10:00 - 10:10	Shohruh Begmatov, Mukhriddin Arabboev, Mokhirjon Rikhsivoev, Saidakmal Saydiakbarov, Zukhriddin Khamidjonov, Sardor Vakhkhobov, Khurshid Aliyarov and Oybek Karimov Ball and Player Detection in Futsal Videos using YOLOv8 Model	11:00 - 11:10	Justas Kardoka, Agne Paulauskaite-Taraseviciene and Darius Pupeikis Building Heat Loss Evaluation using Artificial Intelligence Methods and Thermal Photogrammetry
10:10 - 10:20	Kajus Černiauskas, Dainius Kiršnauskas, Paulius Preikša, Gabrielius Salyga, Nojus Sajauskas, Jūnius Vaitkus, Gerda Žemaitaitytė and Kazimieras Bagdonas KATH: A No-Coding Data Processing Aid for Genetic Researchers	11:10 - 11:20	Antoni Jaszcz, Szymon Hankus, Michał Bober and Bartosz Bugla Efficient Dijkstra-Based Greedy Algorithm for Cycle-Route Planning
10:20 - 10:30	Tomasz Bury Self-Attention Generative Adversarial Network	11:20 - 11:30	Artur Kostera Expert System for Analyzing CT Images Using CNN With a Self-Attention Module
10:30 - 10:40	Justas Juknys Anomaly Detection for System Logs Literature Overview	11:30 - 11:40	Piotr Żerdziński Fine-Grained Visual Classification of Fish
11:40 - 12:00 Coffee Break			
12:00 - 12:10	Mantas Bacevicius Class-Focused Evaluation of Deep Learning Techniques for Network Intrusion Detection	13:00 - 13:10	Maksim Iavich and Zura Kevanishvili Detecting Fair Play Violations in Chess Using Neural Networks
12:10 - 12:20	Maksim Iavich and Maia Ninidze Advancements in Dating Undated Manuscripts through Dual Methodologies	13:10 - 13:20	Irakli Bacheleishvili, Giorgi Kapanadze and Sergo Tsiramua Development of Websites Ranking Algorithm Based on SEO Metrics
12:30 - 12:40	Davit Begashvili, Giorgi Akhalaia, Avtandil Gagnidze and Sergiy Gnatyuk Fast-Fourier Transform in 5G Network	13:20 - 13:30	Irakli Bacheleishvili, Giorgi Vardosanidze and Giorgi Makharoblidze Development of a Lecture Attendance Registration System Based on Facial Recognition
12:40 - 12:50	Domas Grigaliūnas and Mantas Lukoševičius Inference Acceleration for Large Language Models Using "Stairs" Assisted Greedy Generation	13:30 - 13:40	Andrii Matsevytyi, Vytautas Rudžionis Exploring Convolutional Architecture Capabilities for Image Classification Tasks with Insufficient Amount of Data
12:50 - 13:00	Giorgi Tomadze, Ilia Lomidze, Mikheil Kurashvili, Giorgi Akhalaia and Vladimer Svanadze The Dark Side of Radio Technology	13:40 - 13:50	Saeid Javid and Maria Luisa Pérez Delgado An Overview of Patient Monitoring Systems Based on Machine Learning in the Internet of Things
13:50 - 15:00 Break			
15:00 - 15:10	Arnas Nakrošis, Agnė Paulauskaitė-Tarasevičienė and Romas Gružas Advancements in AI for Poultry Farming to Ensure Early Detection to Tackle Fallen Bird Incidents	15:50 - 16:00	Erick Fernando Hernández-Solórzano, Silvio Lazaro and Jose Luis Ordoñez Design and Manufacturing of a 3D-Printed Underwater Robot Through Parameters CAD/CFD and Stress Analysis for Optimization and Performance
15:10 - 15:20	Luis Diego Carranza, Víctor Manuel Escobar, Manuel Cardona and Jose Luis Ordoñez Design of a Wheel Legged Robot	16:00 - 16:10	Martinas Mačernius and Romas Baronas Computational Analysis of the Influence of the Model Boundary Conditions on the Bacterial Self-Organization
15:20 - 15:30	Juozas Širmenis, Mindaugas Kavaliauskas and Ingrida Lagzdinytė-Budnikė Predicting Company Credit Rating Using Artificial Intelligence Techniques from Publicly Available Financial Data	16:10 - 16:20	Laura Atmanavičiūtė, Tomas Vanagas, Justinas Grigaras and Saulius Masteika Data Processing Method for Gini Coefficient Application in Assessing the Centralization Within the BTC Lightning Network
15:30 - 15:40	Juozas Širmenis and Mantas Lukoševičius Basketball Board Detection Using YOLO Algorithms	16:20 - 16:30	Wiktorija Plechta Comparison of Neural Network Models with GRU and LSTM Layer for Earthquake Prediction
15:40 - 15:50	Julius Gudauskas Providing Brands Visibility Data in Live Sports Videos Using Deep Learning Algorithms	16:30 - 16:40	Brigita Vileikyte, Mantas Lukoševičius and Lukas Stankevičius Sentiment Analysis of Lithuanian Online Reviews Using Large Language Models
16:40 - 17:00 Closing. Concluding Remarks.			

*Time zone info for Kaunas: Eastern European Summer Time (EEST) UTC +3 – <https://www.timeanddate.com/worldclock/lithuania/kaunas>



Kaunas Faculty



Vytautas Magnus University