

Friday, 27.09.2024		Participation Mode
16:00 - 19:00 - Registration		
16:30 - 17:45 Session #1		
16:30 - 16:45	Aleksander Sawicki, Daniel Grabowski - 'Application of Mixture Density Network for sample generation in behavioral biometrics'	On site
16:45 - 17:00	Tomasz Grzes - 'Voice long distance transmission using audio codec for low-performance microcontrollers and LoRa communication for use in IoT'	On site
17:00 - 17:15	Pawel Marczak, Mirosław. Omieljanowicz - 'A New Method "ProjectionP" for Table Structure Recognition'	On site
17:15 - 17:30	Adam Klimowicz - 'Balanced State Splitting of Finite State Machines for FPGA implementations of Control Units'	On site
17:30 - 17:45	Maciej Szymkowski, Jakub Golab, Kacper Perz, Bartosz Jura - 'Mathematical modelling for automatic cell contractions detection and their directions in artificially grown human cardiomyocytes'	On site
19:00 Welcome Meeting		
Saturday, 28.09.2024		
8:30 - 12:00 Registration		
10:00 - 10:30 Conference opening Prof. Khalid Saeed, CISIM 2024 General Chair Prof. Marta Kosior-Kazberuk, BUT Rector		
10:30 - 11:30 Session #2		
10:30 - 10:45	Ashis Kumar Samanta, Nabendu Chaki - 'Using Game Theory to Secure Smart Contracts in Blockchain'	Online
10:45 - 11:00	Soumyabratta Saha, Suparna Garg, Sharmistha Ghosh, Sudarshan Nath - 'Machine Learning Based Approach for Crime Analysis in India with An Emphasis on Women Safety'	Online
11:00 - 11:15	Duc T. B., Trung P. H. T., Bang L. K., Khoa T. D., Khiem H. G., Trong N. D. P., Loc V. C. P., Ngan N. T. K. - 'Revolutionizing Organic Product Traceability: Utilizing Smart Contracts, NFT, IPFS and Distributed Ledgers for Transparent Organic Products Supply Chains'	Online
11:15 - 11:30	Duc T. B., Trung P. H. T., Bang L. K., Khoa T. D., Khiem H. G., Trong N. D. P., Loc V. C. P., Ngan N. T. K. - 'Towards Medical Record Keeping with Blockchain, RSA-Encrypted NFTs, and Smart Contracts'	Online
11:30 - 11:45	Oksana Diakun, Jan Dobrosolski, Pawel Czarnul - 'Investigation of performance and energy consumption of tokenization algorithms on multi-core CPUs under power capping'	On site
11:45 - 12:00	Lukas Klein, Jiri Dvorsky, Lukasz Nagi - 'Usability of eGAN for Partial Discharge Detection in Covered Conductors'	On site
12:00 - 12:30 Coffee Break		
12:30 - 14:00 Session #3		
12:30 - 12:45	Tsubasa Takamatsu, Jun-ichi Imai - 'Subjective Impression Perceived from Agent that Can Recognize Discrepancy in Visual Perception of Situation'	On site
12:45 - 13:00	Takeo Ainoya, Keiko Kasamatsu - 'Incorporating User Experience (UX) Insights and Customer Value Considerations for Successful Vision-Driven Product Development'	On site
13:00 - 13:15	Alessandra Poggiani, Agostino Cortesi - 'Challenges in Health Information Systems: health data management and access for life sciences research'	On site
13:15 - 13:30	José Escorcia-Gutierrez, Melitsa Torres Torres, Roosvel Soto-Diaz - 'Texture and shape-based Segmentation of coffee beans images'	On site
13:30 - 13:45	Weronika Borek-Marciniak, Michał Wozniak - 'MOO-Points – Distance-based Method for Multi-objective Optimization in the Imbalanced Data Classification Task'	On site
13:45 - 14:00	Soosaimarian Peter Raja, Khalid Saeed, Danielle Pozzo - 'Disaster Recovery Plans in Data Systems: An Overview of Trends and Future Guidelines'	Online
14:00 - 15:00 Lunch		
15:00 - 15:45 Roy Maxion - Carnegie Mellon University, USA		
15:45 - 16:30 Witold Pedrycz - University of Alberta, Edmonton, Canada		
16:30 - 16:45 Coffee Break		
16:45 - 17:30 Kenneth W. Regan – University at Buffalo		
17:30 - 18:15 Session #4		
17:30 - 17:45	Eugenia Arrieta Rodríguez, Guillermo Hernández-Hernández, Leidy Pérez Coronell, Juan Carlos Calabria-Sarmiento, José Escorcia-Gutierrez - 'Leveraging Global Suicide Statistics for Insightful Prevention Strategies: A Comprehensive Analysis'	Online
17:45 - 18:00	Juan Carlos Calabria-Sarmiento, José Escorcia-Gutierrez - 'Application of Business Intelligence to Analysis of Factors for the Prevention of Non-Communicable Diseases'	Online
18:00 - 18:15	Mauricio Barrios, Adriana Iglesias, Fernando Mendez, Miguel Jimeno, Daladier Jabba, Nadim Telez, Yamid Hernandez - 'Developing Comfort Monitoring Prototype using IoT and Cloud Computing'	Online
19:00 Banquette		
Sunday, 29.09.2024		
10:00 - 10:45 Nobuyuki Nishiuch - Tokyo Metropolitan University, Japan		
10:45 - 11:45 Session #5		
10:45 - 11:00	Qiaoyue Man, Seok-Jeong Gee, Young-Im Cho - 'High-quality facial feature occlusion repair based on S-GANs'	Online
11:00 - 11:15	So Nakamura, Khalid Saeed, Piotr Szymkowski and Nobuyuki Nishiuch - 'Proposal of Online Handwritten Signature Authentication Using Minutiae Matching'	On-site
11:15 - 11:30	Makoto Fukumoto, Ibuki Oda - 'A Feedback Method Adjusting Music Volume based on User's Task Performance on Calculation'	On-site
11:30 - 11:45	Makoto Fukumoto, Yuta Fukushima, Taichi Miyamoto - 'Interactive Evolutionary Computation Improving Voice Impressions with Keeping Speaker Personality for Real-time Speech'	On-site
11:45 - 12:00 Coffee Break		
12:00 - 13:45 Session #6		
12:00 - 12:15	Julian Szymański, Szymon Olewniczak, Mateusz Piotrowski, Maria Teresa Signes Pont, Higinio Mora - 'Entity annotation with Wikipedia using neural networks'	On-site
12:15 - 12:30	Mieczysław A. Kłopotek, Sławomir T. Wierchoń, Bartłomiej Starosta, Dariusz Czernski, Piotr Borkowski - 'Towards Explaining the Spectrogram of Graph Spectral Clustering in Text Document Domain'	On-site
12:30 - 12:45	Majida Albakoor, Khalid Saeed, Akram Masouh, Batoul Aljneidi - 'Early Predicting Congenital Fetus Malformations Based on Decision Trees Algorithm'	Online
12:45 - 13:00	Tadeusz Nowicki, Robert Waszkowski - 'Models and methods in crisis management connected with food-borne disease outbreak'	On site
13:00 - 13:15	Paweł Parczyk, Robert Burduk - 'Optimisation of Battery Energy Storage Systems Capacity for Purpose to Reduce Energy Cost'	On site
13:15 - 13:30	Patryk Milewski - 'A review of image thinning algorithms'	On site
13:30 - 13:45	Maciej Kopczyński - 'Usage of Real-World Maps for 3D Mobile Games - Transformations and Optimizations'	On site
14:00 - 15:00 Lunch and Conference closing		