

computing conference 2020

Friday, July 17

Thursday, July 16

GENERAL SESSION

🕒 1:00 PM - 2:00 PM (BST/UTC+1)

Opening Session

KEYNOTE TALKS

🕒 2:00 PM - 2:45 PM (BST/UTC+1)

Keynote Talk - Vinton G. Cerf, Google

PAPER PRESENTATIONS

🕒 2:45 PM - 4:30 PM (BST/UTC+1)

Session 1 - Computing
Session 2 - Artificial Intelligence
Session 3 - Smart Healthcare
Session 4 - Natural Language Processing

KEYNOTE TALKS

🕒 4:30 PM - 5:15 PM (BST/UTC+1)

Keynote Talk - René Mayrhofer, Johannes Kepler University (JKU)

POSTERS

🕒 5:15 PM - 5:45 PM (BST/UTC+1)

Poster Presentations

ROUNDTABLES

🕒 5:15 PM - 5:45 PM (BST/UTC+1)

Virtual Roundtables

PAPER PRESENTATIONS

🕒 5:45 PM - 7:45 PM (BST/UTC+1)

Session 5 - Computing
Session 6 - Artificial Intelligence
Session 7 - Security
Session 8 - Deep Learning

GENERAL SESSION

🕒 7:45 PM - 8:30 PM (BST/UTC+1)

Mindfulness and Yoga

KEYNOTE TALKS

🕒 12:00 PM - 12:45 PM (BST/UTC+1)

Keynote Talk - Amir H. Gandomi, University of Technology Sydney

PAPER PRESENTATIONS

🕒 12:45 PM - 2:15 PM (BST/UTC+1)

Session 9 - Social Computing
Session 10 - Image Processing
Session 11 - Internet of Things
Session 12 - e-Learning

POSTERS

🕒 2:15 PM - 2:45 PM (BST/UTC+1)

Poster Presentations

ROUNDTABLES

🕒 2:15 PM - 2:45 PM (BST/UTC+1)

Virtual Roundtables

PAPER PRESENTATIONS

🕒 2:45 PM - 4:30 PM (BST/UTC+1)

Session 13 - Machine Vision
Session 14 - Data Science
Session 15 - Security
Session 16 - Technology Trends

KEYNOTE TALKS

🕒 4:30 PM - 5:15 PM (BST/UTC+1)

Keynote Talk - Benedict du Boulay, University of Sussex

ROUNDTABLES

🕒 5:15 PM - 5:45 PM (BST/UTC+1)

Virtual Roundtables

PAPER PRESENTATIONS

🕒 5:45 PM - 7:45 PM (BST/UTC+1)

Session 17 - Neural Networks
Session 18 - Data Science
Session 19 - Security
Session 20 - Communication

GENERAL SESSION

🕒 7:45 PM - 8:30 PM (BST/UTC+1)

Happy Hour!

SESSION 1 - COMPUTING	SESSION 2 - ARTIFICIAL INTELLIGENCE	SESSION 3 - SMART HEALTHCARE	SESSION 4 - NLP
<p>146 - A Heuristic for Efficient Reduction in Hidden Layer Combinations for Feedforward Neural Networks (Presenter: Wei Hao Khoong)</p> <p>291 - FERA: A Framework for Critical Assessment of Execution Monitoring based Approaches for Finding Concurrency Bugs (Presenter: Jasmin Jahic)</p> <p>173 - Traceability Framework for Requirement Artefacts (Presenter: Foziah Gazzawe)</p> <p>122 - A Flexible Hybrid Approach to Data Replication in Distributed Systems (Presenter: Syed Mohtashim Abbas Bokhari)</p> <p>133 - Haptic Data Accelerated Prediction via Multicore Implementation (Presenter: Andrea Formisano)</p> <p>281 - Comparison of Embedded Linux Development Tools for the WiiPiiDo Distribution Development (Presenter: Diogo Duarte)</p> <p>103 - A Top-down Three-way Merge Algorithm for HTML/XML Documents (Presenter: Anastasios Bakaoukas)</p>	<p>56 - A Teaching-Learning-based Optimization with Modified Learning Phases for Continuous Optimization (Presenter: Wei Hong Lim)</p> <p>387 - A Q-Learning based Maximum Power Point Tracking for PV Array under Partial Shading Condition (Presenter: Roy Chaoming Hsu)</p> <p>351 - Warehouse Setup Problem in Logistics: A Truck Transportation Cost Model (Presenter: Dharemender Singh Kushwaha)</p> <p>455 - Learning the Satisfiability of - clausal Forms (Presenter: Mohamed El Halaby)</p> <p>46 - Skin Capacitive Imaging Analysis using Deep Learning GoogLeNet (Presenter: Perry Xiao)</p> <p>124 - Non-linear Aggregation of Filters to Improve Image Denoising (Presenter: Juliette Rengot, Benjamin Guedj)</p> <p>230 - Probabilistic Inference using Generators: The Statues Algorithm (Presenter: Pierre Denis)</p>	<p>136 - A Weighted Combination Method of Multiple K-Nearest Neighbor Classifiers for EEG-based Cognitive Task Classification (Presenter: Abduljalil Mohamed)</p> <p>117 - Analysis and Detection of Brain Tumor using U-Net-based Deep Learning (Presenter: Mayank Dave)</p> <p>322 - Implementation of Deep Neural Networks in Facial Emotion Perception in Patients Suffering from Depressive Disorder: Promising Tool in the Diagnostic Process and Treatment Evaluation (Presenter: Krzysztof Michalik)</p> <p>53- Regression Analysis of Brain Biomechanics under Uniaxial Deformation (Presenter: Osama Abuomar)</p> <p>62 - DiaTTroD: A Logical Agent Diagnostic Test for Tropical Diseases (Presenter: Sandra Mae Famador)</p> <p>178 - Detection and Localization of Breast Tumor in 2D using Microwave Imaging (Presenter: Abdelfettah Miraoui)</p> <p>203 - Exudate-based Classification for Detection of Severity of Diabetic Macula Edema (Presenter: Nandana Prabhu)</p>	<p>404 - The Emergence, Advancement and Future of Textual Answer Triggering (Presenter: Kingsley Acheampong)</p> <p>435 - The Method of Analysis of Data from Social Networks using Rapidminer (Presenter: Askar Boranbayev)</p> <p>388 - Improvement of Automatic Extraction of Inventive Information with Patent Claims Structure Recognition (Presenter: Daria Berdyugina)</p> <p>423 - Authorship Identification for Arabic Texts using Logistic Model Tree Classification (Presenter: Safaa Hriez)</p> <p>106 - OCR Post Processing using Support Vector Machines (Presenter: Kazem Taghva)</p> <p>406 - Translate Japanese into Formal Languages with an Enhanced Generalization Algorithm (Presenter: Kazuaki Kashiwara)</p> <p>378 - Women in ISIS Propaganda: A Natural Language Processing Analysis of Topics and Emotions in a Comparison with a Mainstream Religious Group (Presenter: Donald Brown)</p> <p>275 - Rethinking Our Assumptions about Language Model Evaluation (Presenter: Nancy Fulda)</p>

SESSION 5 - COMPUTING	SESSION 6 - ARTIFICIAL INTELLIGENCE	SESSION 7 - SECURITY	SESSION 8 - DEEP LEARNING
<p>21 - Recommendations for Effective Security Assurance of Software-Dependent Systems (Presenter: Jason Jaskolka)</p> <p>112 - Demonstrating Advanced Machine Learning and Neuromorphic Computing using IBM's Ns16e (Presenter: Mark Barnell)</p> <p>208 - Performance Evaluation of MPI vs. Apache Spark for Condition based Maintenance Data (Presenter: Tomasz Haupt)</p> <p>77 - wiseCIO: Web-based Intelligent Services Engaging Cloud Intelligence Outlet (Presenter: Sheldon Liang)</p> <p>157 - Numerical Method of Synthesized Control for Solution of the Optimal Control Problem (Presenter: Askhat Diveev)</p> <p>158 - Energy Efficient Resource Utilization: Architecture for Enterprise Network : Towards Reliability with Sleep Alert (Presenter: Dilawar Ali)</p> <p>40 - Finding the Maximal Independent Sets of a Graph Including the Maximum using a Multivariable Continuous Polynomial Objective Optimization Formulation (Presenter: Maher Heal)</p> <p>395 - Multidatabase Location Based Services (MLBS) (Presenter: Romani Ibrahim)</p>	<p>95 - Use of Artificial Intelligence and Machine Learning for Personalization Improvement in Developed e-Material Formatting Application (Presenter: Kristine Mackare, Anita Jansone)</p> <p>70 - An Adaptive Genetic Algorithm Approach for Optimizing Feature Weights in Multimodal Clustering (Presenter: Manar Hosny)</p> <p>366 - A Logic-based Agent Modelling Paradigm for Investment in Derivatives Markets (Presenter: Jonathan Waller)</p> <p>401 - Jupyter-Notebook: A Digital Signal Processing Course Enriched Through the Octave Programming Language (Presenter: Carlos Aviles-Cruz)</p> <p>63 - Urban Mobility Swarms: A Scalable Implementation (Presenter: Alex Berke)</p> <p>138 - Using AI Simulations to Dynamically Model Multi-Agent Multi-Team Energy Systems (Presenter: D. Michael Franklin)</p> <p>467 - Random Sampling Effects on e-Learners Cluster Sizes using Clustering Algorithms (Presenter: Muna Al Fanah)</p> <p>304 - Decomposition based Multi-Objectives Evolutionary Algorithms Challenges and Circumvention (Presenter: Sherin Omran)</p>	<p>204 - SADDLE: Secure Aerial Data Delivery with Lightweight Encryption (Presenter: Ahmad Salman)</p> <p>259 - Towards an Intelligent Intrusion Detection System: A Proposed Framework (Presenter: Jalal Omer Atoum)</p> <p>396 - An Integrated Safe and Secure Approach for Authentication and Secret Key Establishment in Automotive Cyber-Physical Systems (Presenter: Arslan Munir)</p> <p>51 - Spoofed/Unintentional Fingerprint Detection using Behavioral Biometric Features (Presenter: Ammar Salman)</p> <p>47 - Windows 10 Hibernation File Forensics (Presenter: Ahmad Ghafarian)</p> <p>105 - Extended Protocol using Keyless Encryption based on Memristors (Presenter: Yuxuan Zhu)</p> <p>266 - Software Implementation of a SRAM PUF-based Password Manager (Presenter: Sareh Assiri)</p> <p>78 - Enabling Paratransit and TNC Services with Blockchain based Smart Contracts (Presenter: Amari Lewis)</p>	<p>75 - Improving Gate Decision Making Rationality with Machine Learning (Presenter: Mark van der Pas)</p> <p>255 - End-to-End Memory Networks: A Survey (Presenter: Raheleh Jafari)</p> <p>135 - MESRS: Models Ensemble Speech Recognition System (Presenter: Ben Zagagy)</p> <p>120 - Reduced Order Modeling Assisted By Convolutional Neural Network for Thermal Problems with Nonparametrized Geometrical Variability (Presenter: Fabien Casenave)</p> <p>116 - Deep Convolutional Generative Adversarial Networks Applied to 2D Incompressible and Unsteady Fluid Flows (Presenter: Nissrine Akkari, David Ryckelynck)</p> <p>302 - DeepConAD: Deep and Confidence Prediction for Unsupervised Anomaly Detection in Time Series (Presenter: Ahmad Idris Tambuwal)</p> <p>50 - Extending CNN Classification Capabilities using a Novel Feature to Image Transformation (FIT) Algorithm (Presenter: Ammar Salman)</p> <p>431 - Enhancing Credit Card Fraud Detection using Deep Neural Network (Presenter: Jalila Zouhair)</p>

SESSION 9 - SOCIAL COMPUTING	SESSION 10 - IMAGE PROCESSING	SESSION 11 - INTERNET OF THINGS	SESSION 12 - E-LEARNING
<p>52 - Is Social Media Still "Social"? (Presenter: Chan Eang Teng)</p> <p>54 - Social Media: Influences and Impacts on Culture (Presenter: Mui Joo Tang)</p> <p>310 - Social Engineering Defense Mechanisms: A Taxonomy and a Survey of Employees' Awareness Level (Presenter: Amelia Regan)</p> <p>408 - Smart Cities: Using Gamification and Emotion Detection to Improve Citizens Well Fair and Commitment (Presenter: Sergio Gonçalves)</p> <p>129 - Towards a Smart Interface-based Automated Learning Environment Through Social Media for Disaster Management and Smart Education Disaster (Presenter: Zair Bouzidi)</p> <p>270 - Cost of Dietary Data Acquisition with Smart Group Catering (Presenter: Weiqiang Sun)</p>	<p>346 - A Neural Markovian Multiresolution Image Labeling Algorithm (Presenter: John Mashford)</p> <p>324 - A Raspberry Pi-based Identity Verification through Face Recognition using Constrained Images (Presenter: Alvin Jason Virata)</p> <p>185 - Comparative Study of Classifiers for Blurred Images (Presenter: Ratiba Gueraichi)</p> <p>312 - Development of a Hardware-Software System for the Assembled Helicopter-Type UAV Prototype by Applying Optimal Classification and Pattern Recognition Methods (Presenter: Askar Boranbayev)</p> <p>254 - A-Type Phased Array Ultrasonic Imaging Testing Method based on FRI Sampling (Presenter: Guangzhi Dai, Xiaojun Wen)</p> <p>33 - An Improved Omega-K SAR Imaging Algorithm based on Sparse Signal Recovery (Presenter: Huaping Xu)</p>	<p>376 - Emotional Effect of Multimodal Sense Interaction in a Virtual Reality Space using Wearable Technology (Presenter: Jiyoung Kang)</p> <p>96 - Addressing Copycat Attacks in IPv6-based Low Power and Lossy Networks (Presenter: Virender Ranga)</p> <p>18 - IoT based Cloud-Integrated Smart Parking with e-Payment Service (Presenter: Effariza Hanafi)</p> <p>73 - An Internet of Things and Blockchain based Smart Campus Architecture (Presenter: Manal Alkhamash)</p> <p>192 - On the Analysis of Semantic Denial-of-Service Attacks Affecting Smart Living Devices (Presenter: Joseph Bugeja)</p> <p>128 - Towards a Scalable IOTA Tangle-based Distributed Intelligence Approach for the Internet of Things (Presenter: Tariq Alsboui)</p>	<p>452 - Conceptualizing Technology-Enhanced Learning Constructs: A Journey of Seeking Knowledge using Literature-Based Discovery (Presenter: Amalia Rahmah)</p> <p>283 - Injecting Challenge or Competition in a Learning Activity for Kindergarten/Primary School Students (Presenter: Bah Tee Eng)</p> <p>113 - A Novel Yardstick of Learning Time Spent in a Programming Language by Unpacking Bloom's Taxonomy (Presenter: Alcides Bernardo Tello)</p> <p>248 - A Comparative Study of Active and Passive Learning Approaches in Hybrid Learning, Undergraduate, Educational Programs (Presenter: Khalid Baba)</p> <p>299 - Mobile Learning Adoption at a Science Museum (Presenter: Ruel Welch)</p> <p>436 - Assessing and Development of Chemical Intelligence Through e-Learning Tools (Presenter: Elena Volkova)</p>

Friday, July 17

2:45 PM - 4:30 PM (BST/UTC+1)

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SESSION 13 - MACHINE VISION	SESSION 14 - DATA SCIENCE	SESSION 15 - SECURITY	SESSION 16 - TECHNOLOGY TRENDS
<p>400 - Identification and Classification of Botrytis Disease in Pomegranate with Machine Learning (Presenter: Maria Sanchez)</p> <p>340 - Boundary Detection of Point Clouds on the Images of Low-Resolution Cameras for the Autonomous Car Problem (Presenter: Istvan Elek)</p> <p>420 - Comparison of Dimensionality Reduction Methods for Road Surface Identification System (Presenter: Addisson Salazar)</p> <p>273 - Genetic Algorithms as a Feature Selection Tool in Heart Failure Disease (Presenter: Asmaa Alabed)</p> <p>425 - WARDS: Modelling the Worth of Vision in MOBA's (Presenter: Alan Pedrassoli Chitayat)</p> <p>271 - A Machine Learning Platform in Healthcare with Actor Model Approach (Presenter: Mauro Mazzei)</p> <p>409 - Application of Additional Argument Method to Burgers Type Equation with Integral Term (Presenter: Taalaibek Imanaliev)</p>	<p>108 - A Hybrid Recommender System Combing Singular Value Decomposition and Linear Mixed Model (Presenter: Tianyu Zuo)</p> <p>87 - Personalized Recommender Systems with Multi-source Data (Presenter: Yili Wang, Tong Wu)</p> <p>419 - Fraud Detection using Sequential Patterns from Credit Card Operations (Presenter: Addisson Salazar)</p> <p>424 - Retention Prediction in Sandbox Games with Bipartite Tensor Factorization (Presenter: Anders Drachen)</p> <p>91 - Renormalization Approach to the Task of Determining the Number of Topics in Topic Modeling (Presenter: Vera Ignatenko)</p> <p>201 - Modelling the Currency Exchange Rates using Support Vector Regression (Presenter: Sadik Ulker)</p> <p>442 - Data Analytics of Student Learning Outcomes using Abet Course Files (Presenter: Hosam Alhakami, Tahani Alsubait)</p>	<p>119 - Behavior and Biometrics based Masquerade Detection Mobile Application (Presenter: Sammani Y. Rajapaksha)</p> <p>225 - Immune-based Network Dynamic Risk Control Strategy Knowledge Ontology Construction (Presenter: Meng Huang)</p> <p>200 - On Generating Cancelable Biometric Templates using Visual Secret Sharing (Presenter: Nitin Kumar)</p> <p>413 - Memory Incentive Provenance (MIP) to Secure the Wireless Sensor Data Stream (Presenter: Mohammad Amanul Islam)</p> <p>345 - LockChain Technology as One Source of Truth for Cyber, Information Security and Privacy (Presenter: Yuri Bobbert, Nese Ozkanli)</p> <p>326 - Enhanced Security using Elasticsearch and Machine Learning (Presenter: Mihai Carabas)</p> <p>289 - Exploiting Linearity in White-Box AES with Differential Computation Analysis (Presenter: Jakub Klemsa)</p> <p>140 - Implementing Variable Power Transmission Patterns for Authentication Purposes (Presenter: Dalia Alamleh)</p>	<p>421 - A Comprehensive Survey and Analysis on Path Planning Algorithms and Heuristic Functions (Presenter: Yong Yue)</p> <p>179 - Fuzzy Logic based Adaptive Innovation Model (Presenter: Bushra Naeem)</p> <p>98 - Pilot Study of ICT Compliance Index Model to Measure the Readiness of Information System (IS) at Public Sector in Malaysia (Presenter: Aziz Deraman)</p> <p>290 - Prediction of Cumulative Grade Point Average: A Case Study (Presenter: Mahady Hasan)</p> <p>274 - How Information System Project Stakeholders Perceive Project Success (Presenter: Iwona Kolasa)</p> <p>269 - A Review of Age Estimation Research to Evaluate its Inclusion in Automated Child Pornography Detection (Presenter: Lee MacLeod)</p> <p>57 - Computational Conformal Mapping in Education and Engineering Practice (Presenter: Maqsood Chaudhry)</p>

SESSION 17 - NEURAL NETWORKS	SESSION 18 - DATA SCIENCE	SESSION 19 - SECURITY	SESSION 20 - COMMUNICATION
<p>101 - Preventing Neural Network Weight Stealing via Network Obfuscation (Presenter: Jalal Al-fandi, Kálmán Szentannai)</p> <p>394 - Adaptive Blending Units: Trainable Activation Functions for Deep Neural Networks (Presenter: Leon Sütfeld)</p> <p>257 - Applications of Z-numbers and Neural Networks in Engineering (Presenter: Raheleh Jafari)</p> <p>426 - Application of Neural Networks to Characterization of Chemical Sensors (Presenter: Mahmoud Iskandarani)</p> <p>372 - 5G-FOG: Freezing of Gait Identification in Multi-Class Softmax Neural Network Exploiting 5G Spectrum (Presenter: Jan Sher Khan)</p> <p>371 - Application of Machine Learning in Deception Detection (Presenter: Otasowie Iyare)</p> <p>390 - A New Approach to Estimate the Discharge Coefficient in Sharp-Crested Rectangular Side Orifices using Gene Expression Programming (Presenter: Hossein Bonakdari)</p>	<p>256 - Time Series Analysis of Financial Statements for Default Modelling (Presenter: Kirill Romanyuk)</p> <p>440 - Data Market Implementation to Match Retail Customer Buying versus Social Media Activity (Presenter: Anton Ivaschenko)</p> <p>197 - Data Augmentation and Clustering for Vehicle Make/Model Classification (Presenter: Mohamed Nafzi)</p> <p>111 - A Study of Modeling Techniques for Prediction of Wine Quality (Presenter: Ashley Laughter)</p> <p>251 - Machine Learning for Offensive Security: Sandbox Classification using Decision Trees and Artificial Neural Networks (Presenter: William Pearce)</p> <p>139 - Strategic Inference in Adversarial Encounters using Graph Matching (Presenter: D. Michael Franklin)</p> <p>9 - Quantifying Apparent Strain for Automatic Modelling, Simulation, Compensation and Classification in Structural Health Monitoring (Presenter: Enoch A-iyeh)</p> <p>99 - A New Approach to Supervised Data Analysis in Embedded Systems Environments: A Case Study (Presenter: Paul David Rosero-Montalvo)</p>	<p>446 - A Review of Cyber Security Issues in Hospitality Industry (Presenter: Neda Shabani)</p> <p>245 - Malware Analysis with Machine Learning for Evaluating the Integrity of Mission Critical Devices (Presenter: Robert Heras)</p> <p>48 - Statistical Analysis to Optimize the Generation of Cryptographic Keys from Physical Unclonable Functions (Presenter: Bertrand Cambou)</p> <p>134 - Contactless Palm Vein Authentication Security Technique for Better Adoption of e-Commerce in Developing Countries (Presenter: Sunday Alabi)</p> <p>164 - Tightly Close it, Robustly Secure it: Key-based Lightweight Process for Propping up Encryption Techniques (Presenter: Muhammed Al-Muhammed)</p> <p>265 - LightGBM Algorithm for Malware Detection (Presenter: Mouhammd Alkasassbeh)</p> <p>13 - Invisibility and Fidelity Vector Map Watermarking based on Linear Cellular Automata Transform (Presenter: Saleh AL-ardhi)</p> <p>35 - Introduction of a Hybrid Monitor for Cyber-Physical Systems (Presenter: Julius Aguma)</p>	<p>319 - A Novel Routing based on OLSR for NDN-MANET (Presenter: Xian Guo)</p> <p>115 - In-app Activity Recognition from Wi-Fi Encrypted Traffic (Presenter: Madushi Pathmaperuma)</p> <p>441 - Energy Efficient Channel Coding Technique for Narrowband Internet of Things (Presenter: Emmanuel Migabo)</p> <p>19 - Preliminary Experiments on the Use of Nonlinear Programming for Indoor Localization (Presenter: Stefania Monica)</p> <p>183 - A Novel Speed Estimation Algorithm for Mobile UE's in 5G mmWave Networks (Presenter: Alawi Alattas)</p> <p>236 - Equivalent Thermal Conductivity of Metallic-Wire for On-Line Monitoring of Power Cables (Presenter: Mamdooh Al Saud)</p> <p>214 - An Architecture for Dynamic Contextual Personalization of Multimedia Narratives in IoT Environments (Presenter: Ricardo Rios)</p> <p>188 - Improved Deterministic Broadcasting for Multiple Access Channels (Presenter: Bader Aldawsari)</p>

Thursday, July 16

5:15 PM - 5:45 PM (BST/UTC+1)

POSTER PRESENTATIONS

- 267 - Towards porting Astrophysics Visual Analytics Services in the European Open Science Cloud (Presenter: [Eva Sciacca](#))
- 90 - Design and Implementation of Cryptocurrency Price Prediction System (Presenter: [Daniel Marinov](#))
- 249 - The Automated Solar Activity Prediction System (ASAP) Update based on Optimization of a Machine Learning Approach (Presenter: [Ali Abed](#))
- 205 - An Assessment Algorithm for Evaluating Students Satisfaction in e-Learning Environments: A Case Study (Presenter: [Mihai Caramihai](#))
- 17 - Classification of a Pedestrian's Behaviour using Dual Deep Neural Networks (Presenter: [James Spooner](#))
- 282 - Discourse Analysis on Learning Theories and AI (Presenter: [Karen Jackson](#), [Rosemary Papa](#))
- 36 - False Asymptotic Instability Behavior at Iterated Functions with Lyapunov Stability in Nonlinear Time Series (Presenter: [Charles Roberto Telles](#))

Friday, July 17

2:15 PM - 2:45 PM (BST/UTC+1)

POSTER PRESENTATIONS

- 247 - Analysis of Structural Liveness and Boundedness in Weighted Free-Choice Net based on Circuit Flow Values (Presenter: [Yojiro Harie](#))
- 410 - The Use of New Technologies in the Organization of the Educational Process (Presenter: [Nurgul Nalgozhina](#))
- 168 - How Many Clusters? An Entropic Approach to Hierarchical Cluster Analysis (Presenter: [Vera Ignatenko](#))
- 125 - Development of Prediction Methods for Taxi Order Service on the Basis of Intellectual Data Analysis (Presenter: [Nikita Andriyanov](#))
- 393 - The Influence of Methodological Tools on the Diagnosed Level of Intellectual Competence in Older Adolescents (Presenter: [Yana Sipovskaya](#))
- 427 - Computer Graphics-based Analysis of Anterior Cruciate Ligament in a Partially Replaced Knee (Presenter: [Ahmed Imran](#))
- 61 - Strategic Behavior Discovery of Multi-Agent Systems based on Deep Learning Technique (Presenter: [Boris Morose](#), [Gal Zaidman](#), [Sabina Aledort](#))