

Agenda - Future Technologies Conference 2021 (Virtual Event)

TIME (VANCOUVER/ PDT)	Thu, 28 October	Fri, 29 October
05:00 AM - 05:30 AM	Opening	Session 11: Augmented Reality Session 12: Communication Session 13: Smart Cities Session 14: Deep Learning Session 15: Poster Presentations
05:30 AM - 06:00 AM	Networking	
06:00 AM - 07:00 AM	Keynote - Martin Riedmiller, DeepMind	Keynote - Michael Wooldridge, University of Oxford
07:00 AM - 07:30 AM	Virtual Roundtables	Virtual Roundtables
07:30 AM - 09:00 AM	Session 1: Artificial Intelligence Session 2: Smart Healthcare Session 3: Computing Session 4: Data Science Session 5: Human Computer Interaction	Session 16: Ambient Intelligence Session 17: Digital Transformation Session 18: Internet of Things Session 19: Deep Learning Session 20: Machine Vision
09:00 AM - 09:30 AM	Virtual Roundtables	Virtual Roundtables
09:30 AM - 10:30 AM	Keynote - Alex Pentland, MIT	Keynote - Emine Yilmaz, University College London
10:30 AM - 12:00 PM	Session 6: Virtual Reality Session 7: Smart Healthcare Session 8: Security and Privacy Session 9: Data Science Session 10: Natural Language Processing	Session 21: Software Engineering and Quality Session 22: e-Learning Session 23: Security and Privacy Session 24: Data Science Session 25: Human Computer Interaction
12:00 PM - 12:30 PM	Day Closing	Closing

Session 1: Artificial Intelligence	Session 2: Smart Healthcare	Session 3: Computing	Session 4: Data Science	Session 5: Human Computer Interaction
<p>396 - A Fair and Ethical Healthcare Artificial Intelligence System for Monitoring Driver Behavior and Preventing Road Accidents (Presenter: Soaad Q. Hossain)</p> <p>223 - Synchronous Colored Petri Net based Modeling and Video Analysis of Conversational Head-gestures for Training Social Robots (Presenter: Aditi Singh)</p> <p>342 - Synthesized Control for Practical Solution of the Optimal Control Problem (Presenter: Askhat Diveev)</p> <p>118 - Using Artificial Intelligence Methods to Predict Student Academic Achievement (Presenter: Mustafa Abbas Al-Khafaji)</p> <p>210 - A Low-cost EMG Graphical User Interface Controller for Robotic Hand (Presenter: Emanuele Secco)</p> <p>258 - Wind Speed Time Series Imputation with a Bidirectional Gated Recurrent Unit (GRU) Model (Presenter: Victor Yana-Mamani)</p> <p>247 - Estimating Musical Appreciation using Neural Network (Presenter: Jaya Sravani Mandapaka)</p> <p>403 - Implementation of the Mathematical Model for Service Robot to Avoid Obstacles and Human (Presenter: Ha Quang Thinh Ngo)</p>	<p>57 - Augmented Reality Supported Self-help Interventions for Psychological and Physiological Acute Stress (Presenter: K. T. Perera)</p> <p>233 - Smart Mobile Microscopy: Towards Fully-automated Digitization (Presenter: Dmitrii Iarosh)</p> <p>35 - IoT based Remote COVID-19 Patients Monitoring System for Local Hospitals in Sri Lanka (Presenter: Chathra Udeepa Serasinghe)</p> <p>191 - Digital Healthcare: Current Trends, Challenges and Future Perspectives (Presenter: Shilpa)</p> <p>227 - Identification of Significant Gene Expression in Liver Cancer-induced HBx Virus using Enhanced Machine Learning Method (Presenter: Lailil Muflikhah)</p> <p>109 - A Petrinet-based Framework for Healthcare Blockchain Systems (Presenter: Soraia Oueida)</p> <p>88 - Hybrid Firefly and Swarm Algorithms for Breast Cancer Mammograms Classification based on Rough Set Theory Features Selection (Presenter: Abd Elmounem Ali)</p> <p>211 - The Influence of the Contact Geometry of Active Seating Systems on the Human Perception Threshold (Presenter: Sebastian Kampa)</p>	<p>254 - A2Cloud-H: A Multi-tiered Machine Learning Framework for Cost-effective Cloud Resource Selection (Presenter: Vivek K. Pallipuram)</p> <p>338 - Quantum Computing and its Application in Cryptography (Presenter: Mohamed El-Hadedy)</p> <p>51 - A Hybrid Approach for Metaheuristic Algorithms using Island Model (Presenter: Jiawei Li)</p> <p>38 - Ranking-based Community Detection for Social Networks (Presenter: Matin Pirouz)</p> <p>26 - Spacecraft for Deep Space Exploration: Combining Time and Budget to Model the Trend in Lifespan (Presenter: Peng-Hung Tsai)</p> <p>279 - Gray Matters and Complex Systems: Mind, Consciousness, and Attention (Presenter: Sudhanshu Kumar Semwal)</p> <p>300 - Enabling Extreme High-throughput Multi-precision Computing on General-purpose Microprocessor (Presenter: Lei Xu)</p> <p>332 - A Novel Artificial Intelligence Technique for Cloud Computing using a New Heuristic Initialisation and PSO-Parallel Execution (Presenter: Amine Chraibi)</p>	<p>193 - Better-Simpler-More Ideal: Disruptive Innovation by Patent Circumvention with Function Models from TRIZ (Presenter: Claudia Hentschel)</p> <p>363 - Overall of Personal Big Data Collection and its Applications (Presenter: Rie Shigetomi Yamaguchi)</p> <p>217 - Cloud based Curd Management System (Presenter: Malindu Attygala)</p> <p>138 - Predicting the Compressive Strength of a Ready-mixed Concrete: An Extended Multi-model Regression Approach (Presenter: Seyed Arman Taghizadeh Motlagh)</p> <p>96 - SymFields: An Open Source Symbolic Fields Analysis Tool for General Curvilinear Coordinates in Python (Presenter: CHU Nan)</p> <p>417 - Modeling Domestic Passenger Transportation in the Republic of Kazakhstan during Pandemic Period (Presenter: Askar Boranbayev)</p> <p>52 - A Conceptual Framework for Smart Social Distancing for Educational Institutes (Presenter: Zeeshan Amin Farooqi)</p> <p>317 - BlockForest: A Distributed Tree Structure (Presenter: Aditya Ranjan, Durvesh Deshmukh)</p>	<p>60 - From Swarms to Hyperswarms: A New Methodology for Amplifying Group Intelligence (Presenter: Louis Rosenberg)</p> <p>67 - Symbiont AI and Embodied Symbiotic Learning (Presenter: Gregg Willcox)</p> <p>266 - Predicting Next Dialogue Action in Emotionally Loaded Conversation (Presenter: Daiga Dekšne)</p> <p>197 - Agent-based Approach of Cross-Cultural Interactions in Hilbert Space (Presenter: Fedor Loginov)</p> <p>136 - Which Intelligence for Human-machine Dialogue Systems? (Presenter: Pierre-André Buvet, Bertrand Fache, Abdelhadi Rouam)</p> <p>385 - Comparing the Performance of Facial Emotion Recognition Systems on Real-life Videos: Gender, Ethnicity and Age (Presenter: Shirui Wang)</p> <p>245 - Blockchain-based Multi-party Smart Contract for Service Digitalization and Automation (Presenter: Adnan Imeri)</p> <p>297 - Characterisation of User-contexts for Context-aware Recommendation Systems (Presenter: Tatenda Kavvu)</p>

Session 6: Virtual Reality	Session 7: Smart Healthcare	Session 8: Security and Privacy	Session 9: Data Science	Session 10: Natural Language Processing
<p>20 - 3D Displays: Their Evolution, Inherent Challenges and Future Perspectives (Presenter: Xingyu Pan)</p> <p>115 - A Secure Mixed Reality Framework for the Internet of Things (Presenter: Shahab Tayeb)</p> <p>76 - Content Agnostic Game Engineering: Impact of Stealth Assessment and Content Order on Player Engagement (Presenter: Vipin Verma)</p> <p>199 - Developing a Virtual Reality-aided Learning Space for Secondary Education: The Service Design Approach (Presenter: Zhiyuanyu)</p> <p>21 - Digital Preservation of Experiences in Virtual Worlds: Extending Digital Rights to Include Right to Replay (Presenter: Abraham Campbell)</p> <p>129 - Design and Implementation of a Chorded-Keyboard Mapping for Existing VR Hand Controllers (Presenter: Philip Pitura)</p> <p>420 - An ICT-based Teaching Strategy to Promote Communicative Interactions: An Online Learning Approach during the COVID-19 Pandemic (Presenter: Bell Manrique-Losada)</p> <p>179 - A Helpful Relocation Function for Augmenting Teaching in a Multiple User Shared Virtual Environment (Presenter: Alex Deakyne)</p>	<p>257 - DORC: Surgical Workflow Recognition Tool using Fast R-CNN and Modified HMMs (Presenter: Pravalika Putalapattu)</p> <p>105 - The Impact of Cybersecurity on Healthcare (Presenter: Lucien Ngalamou)</p> <p>224 - In-Line Image Transformations for Imbalanced, Multiclass Computer Vision Classification of Lung Chest X-Rays (Presenter: Alexandra K. Ramnarine)</p> <p>170 - Development of an e-Health System for Improving Health-care Access in Developing Countries (Presenter: Justine Bukenya)</p> <p>410 - A Robust Machine Learning Framework for Diabetes Prediction (Presenter: Chollette Olisah)</p> <p>286 - A Novel Approach Infectious Disease Outbreak through Grid-based Model (Presenter: Antonio Cortes Castillo)</p> <p>335 - Lesion2Vec: Deep Meta Learning for Few-Shot Lesion Recognition in Capsule Endoscopy Video (Presenter: Sodiq Adewole)</p> <p>305 - Optimizing Crowd Space in Public Facilities with Restrictions of COVID-19 (Presenter: Tamirat Abegaz)</p>	<p>140 - Best Practices for Cloud Data Protection and Key Management (Presenter: Asad Ali)</p> <p>22 - Information Sharing in the Presence of Adversarial Nodes using Raft (Presenter: Linir Zamir)</p> <p>158 - Effect of Cyber Attacks on the Performance of Optimally Designed Network for Distributed Secondary Voltage Control in Microgrids (Presenter: Emily Stanisha, Gabrielle Beddard, Hessam Keshtkar Vanashi, Farideh Doost Mohammadi)</p> <p>390 - Double-extortion Ransomware: A Technical Analysis of Maze Ransomware (Presenter: Bryson Payne)</p> <p>413 - A CRYSTALS-Dilithium Response-based Cryptography Engine using GPGPU (Presenter: Jordan Wright)</p> <p>174 - Advancement on Security Applications of Private Intersection Sum Protocol (Presenter: Yuvaraj Athur Raghuvir)</p> <p>157 - How Can Organizations Prevent Cyber Attacks using Proper Cloud Computing Security? (Presenter: Ismail Bahkali)</p> <p>391 - Patterns in Malware Attacks Leveraging COVID-19 Pandemic Fears (Presenter: Tamirat Abegaz)</p>	<p>359 - Differential Correlation Approach for Multivariate Time Series Feature Selection (Presenter: Daniel Baumann)</p> <p>389 - Market Movements at High Frequencies and Latency in Response Times (Presenter: Jiachuan Wang)</p> <p>387 - Cloud Computing of Large UAV Datasets for 3D Photogrammetric Reconstruction (Presenter: Zoubir Barraz)</p> <p>184 - In Search of Machine Learning Theory (Presenter: Dominik Strzalka)</p> <p>308 - Towards Employing Process Mining for Role based Access Control Analysis: A Systematic Literature Review (Presenter: Rawan Alrahili)</p> <p>294 - Standards for Knowledge Graphs in the Financial Sector (Presenter: Michael George Bennett)</p> <p>125 - FP Growth Application for the Prediction of Terrorist Attacks (Presenter: Federico Sergiani)</p> <p>143 - Exploring the Freedoms in Data Mining: Why the Trustworthiness and Integrity of the Findings are the Casualties, and How to Resolve These? (Presenter: Ole Kristian Ekseth)</p>	<p>400 - Evaluation of Representation Models for Text Classification with AutoML Tools (Presenter: Matthias Engelbach)</p> <p>159 - An Attempt to Evaluate Information Spread using the Hawkes Process (Presenter: Pierre Watine)</p> <p>48 - Investigating Unrelated #COVID19 Twitter Expressions: Implications of Spam Content on Information Credibility (Presenter: Christine Diane Ramos, Chito Angeles)</p> <p>54 - A Theoretical Analysis on Health-related Twitter Information during the First Philippine COVID-19 Lockdown (Presenter: Ronina C Tayuan)</p> <p>360 - A Method of Text Sample Size Adaptation based on Ontological and Cognitive Analysis (Presenter: Anna Klimenko)</p> <p>216 - New Method of Automated Terminology Extraction: Case Study of Russian-Language Textbooks (Presenter: Sergei Monakhov)</p> <p>318 - Forcing-Seq2Seq Model: An Automatic Model of Title Generation for Natural Text using Deep Learning (Presenter: Nguyen Thi Hiep Thuan)</p> <p>298 - Modified Pointwise Mutual Information-based Feature Selection for Text Classification (Presenter: Tsvetanka Georgieva-Trifonova)</p>

Session 11: Augmented Reality	Session 12: Communication	Session 13: Smart Cities	Session 14: Deep Learning	Session 15: Poster Presentations
<p>178 - Augmented Reality: Reflections at Thirty Years (Presenter: Louis Rosenberg)</p> <p>71 - Design a Mobile Augmented Reality System to Facilitate Users' Companionship Needs (Presenter: Yi-Fan Chen)</p> <p>425 - When Anchoring Fails: Interactive Alignment of Large Virtual Objects in Occasionally Failing AR Systems (Presenter: Anil Ufuk Batmaz)</p> <p>414 - On the Design of Therapy Tracker: A Cross-platform Medication Management Application with Augmented Reality and Machine Learning (Presenter: Edward Sykes)</p> <p>68 - Technological Push for Hybridization of Education and Learning Systems (Presenter: Anna-Maria Nitsche)</p>	<p>75 - CYCLOPS: A Blockchain-based Policy System and Formal Policy Model for Consumer Data Movement (Presenter: Stephen Kirkman)</p> <p>180 - Pricing 5G Network Slices based on NFV MANO (Presenter: Zhao-Ru (Ida) Chen)</p> <p>37 - An Analytical Review of Load Balancing in Heterogeneous Networks (Presenter: Azhar Ali Hossen)</p> <p>288 - Viktoria: A New Architecture for Hash Functions (Presenter: Edimar Verissimo Da Silva)</p> <p>117 - Investigates the Effect of Radio Frequency Obstacles on Wireless Signals for Robot Communication (Presenter: Mustafa Ayad)</p>	<p>154 - A Framework for AI-based Building Controls to Adapt Passive Measures for Optimum Thermal Comfort and Energy Efficiency in Tropical Climates (Presenter: Mahendra Gooroochurn)</p> <p>231 - An ILP for Joint Districting and Evacuation (Presenter: Sarah Ibri)</p> <p>388 - Smart Freight Transportation Platform Development and Impacts on CO2 Emission in Quebec (Presenter: Marjan Padidar)</p> <p>328 - Is Ambient Theory for Smart Cities Even a Theory? An Affirmative Assessment (Presenter: H. Patricia McKenna)</p>	<p>97 - Spam Detection over Call Transcript using Deep Learning (Presenter: Abhiram Natarajan)</p> <p>165 - Detection and Classification of Prostate Cancer using Dual-Channel Parallel Convolution Neural Network (Presenter: Subrata Bhattacharjee)</p> <p>121 - Application of Deep Convolutional Neural Networks VGG-16 and GoogLeNet for Level Diabetic Retinopathy Detection (Presenter: Chaichana Suedumrong)</p> <p>148 - Nonlinear Control of a Gas Turbine Engine with Reinforcement Learning (Presenter: Richa Singh)</p>	<p>27 - Method for Web: GIS System Applicable to Assimilation Model Database Constructions (Presenter: Kohei Arai)</p> <p>330 - Numerical Model of the Flight for a System of Colliding Meteoroid Bodies (Presenter: Vladislav Lukashenko)</p> <p>79 - Ladder of Trust (Presenter: Bernhard Heiden)</p> <p>185 - Contactless Human-Computer Systems via Shared Intentionality: A Concept Design for the Next Generation of Smart Prosthetic Limbs (Presenter: Igor Val Danilov)</p> <p>212 - Online Anomaly Detection for Streaming Data Implemented on Top of Kafka, Scikit -multiflow and River (Presenter: Nabil Belacel, René Richard)</p> <p>249 - Virtual Reality and Motion Capture Training (Presenter: Victor Omowonuola)</p>

Session 16: Ambient Intelligence	Session 17: Digital Transformation	Session 18: Internet of Things	Session 19: Deep Learning	Session 20: Machine Vision
<p>260 - Voice Command based Crowd Control Training System with Various Police Formations (Presenter: Ryan Ficocelli)</p> <p>19 - Enhancing Micro-location Accuracy for Asset Tracking: An Evaluation of Two Fingerprinting Approaches using Three Machine Learning Algorithms (Presenter: Edward Sykes)</p> <p>66 - Validation of AlertMeter® Mobile Phone Fatigue Assessment Device (Presenter: Patrick Sherry)</p> <p>310 - Agents and Secure Contracts in Cyber-physical Systems: A Simulation (Presenter: Ammar Qureshi)</p> <p>104 - The WEAFF Mnecosystem: A Perspective of MEMS/NEMS Technologies as Pillars of Future 6G, Super-IoT and Tactile Internet (Presenter: Jacopo Iannacci)</p> <p>50 - Modelling and Design of a Large Solar Quadcopter (Presenter: Mohannad Takroui)</p> <p>241 - An in-Vehicle Erratic Driving Detection and Warning System using GPS Technology (Presenter: Md Touhid Hossain)</p> <p>160 - Food Drop-off Box of the Future (Presenter: Charlotte Bax)</p>	<p>225 - Delivering Digital Transformation with Self-reporting Data Assets (Presenter: Dennis Della Corte)</p> <p>337 - Powering Financial Literacy Through Blockchain and Gamification (Presenter: Peter ChunYu Yau, Dennis Wong)</p> <p>74 - Educational Content Delivery in Mixed Online/Offline University Campuses (Presenter: Marat Zhanikeev)</p> <p>371 - Online Roadshow: A New Model for the Next-generation Digital Marketing (Presenter: Kang Ren Leow)</p> <p>195 - Towards an Ontology-based Cotton Phytosanitary Surveillance System: A Case Study in Côte D'Ivoire (Presenter: Tehia Kouaho N'guessan Narcisse)</p> <p>30 - Cloud Computing based in Knowledge Management in Higher Education Institutions: Benefit and Risks (Presenter: Mouza Almehrzi)</p> <p>253 - Preparing Students for the Global Engineering Workforce: A Case Study of International Engineering Field Experience at the University of Mount Union (Presenter: Okechukwu Ugweje)</p> <p>262 - Enhancing Student Learning of Disruptive Technologies (Presenter: Justin Foreman)</p>	<p>321 - TACL: Trust-based and Scalable Access Control for IoT using Blockchain (Presenter: Mohsin Ur Rahman)</p> <p>381 - SmartIDS: A Comparative Study of Intelligent Intrusion Detection Systems for Internet of Things (Presenter: Ghada Abdelmoumin)</p> <p>377 - Securing Routing in Low Power and Lossy Networks (Presenter: Shahab Tayeb)</p> <p>44 - IOT based Smart Microgreen Sprouter (Presenter: K.D.S. Perera)</p> <p>327 - Threat Analysis of 5G Technology within IIoT Sensors (Presenter: Nikola Zidkova)</p> <p>146 - Survey of IoT Reference Architectures and Models and IoT Initiatives (Presenter: Meryem Benotmane)</p> <p>395 - A Survey on the Internet of Things Patterns and their Classification Schemes (Presenter: Vusi Sithole)</p> <p>222 - An Effective Lightweight Cryptographic Algorithm to Secure Internet of Things Devices (Presenter: Alaa Hassan)</p>	<p>203 - Performance Characterization of Supervision on Knowledge Distillation (Presenter: Joshua Chism)</p> <p>251 - Fine-Grained Categorization using a Mixture of Transfer Learning Networks (Presenter: Justin Firsching)</p> <p>412 - Multi-frame Abnormality Detection in Video Capsule Endoscopy (Presenter: James Jablonski)</p> <p>346 - Adoption of Best Practices in Drafting Patents for Innovative Models of Modern Artificial Intelligence Solutions (Presenter: Mohammed Saeed Jawad)</p> <p>383 - Plant Stresses and Pest Attack Detection using Convolutional Neural Networks with Advance Preprocessing Techniques in Chili Plants (Presenter: Dilusha Gayan)</p> <p>236 - CBIAAT: Context based Image Analyzer for Alzheimer's Therapy (Presenter: Gowryshankary Kanthasamy)</p> <p>23 - Testing Time Series Classification of UCR Archive Signals using Feature to Image Transformation (FIT) Algorithm (Presenter: Odai S. Salman)</p> <p>287 - Automatic Head Overcoat Thickness Measure with NASNet-Large-Decoder Net (Presenter: Youshan Zhang)</p>	<p>345 - Processing Drone Images with the Open Source Giwer Software Package (Presenter: Maté Cserép)</p> <p>134 - Manifestation of Task's Cognitive Complexity in Mimic Micromovements: Prognostic Model (Presenter: Alexey V. Khavlyo)</p> <p>17 - Using Behavioral Biometrics of Fingerprint Authentication to Investigate Physical and Emotional User States (Presenter: Adan Salman)</p> <p>144 - Extracting Vehicle Track Information from Unstabilized Drone Aerial Videos using YOLOv4 Common Object Detector and Computer Vision (Presenter: Christian Emiyah)</p> <p>190 - Identifying Mislabeled Images in Supervised Learning Utilizing Autoencoder (Presenter: Yunhao Yang)</p> <p>12 - Geometric Fitting in Problem of Spatial Position of Object Determination by Image (Presenter: Vladimir Klyachin)</p> <p>427 - Airspace Object Detection Above the Guarded Area using Segmentation Neural Network (Presenter: Dominik Stursa)</p> <p>226 - Features Detection-based Computer Vision of Transparent 3D Inkjet Printed Parts (Presenter: Ahmed Elkaseer)</p>

Session 21: Software Engineering and Quality	Session 22: e-Learning	Session 23: Security and Privacy	Session 24: Data Science	Session 25: Human Computer Interaction
<p>261 - Software System for Determining the Level of Reliability and Fault-tolerance of Information Systems (Presenter: Askar Boranbayev)</p> <p>100 - Multicriteria Decision Making using TOPSIS Method: An Accurate Selection of Deserving Candidates (Presenter: Rahman Ali)</p> <p>392 - A New Method Searching Globally Optimal Solutions to Discrete Optimization Problems (Presenter: Vitaly O. Groppen)</p> <p>343 - "My Eyes": Assistive Mobile Application for Visually Impaired Designers (Presenter: Kuruppu H. N. H.)</p> <p>213 - Towards an Agile Quality Management Model for Microservice Architecture in FinTech (Presenter: Vu Nguyen Huynh Anh)</p> <p>214 - Hierarchical Evaluation of Software Projects: An Experiment (Presenter: Paolino Di Felice)</p> <p>234 - An Integer Prefix-based Methodology for Enhancing the Execution Performance of any String Sorting Algorithm (Presenter: Khalid Thabit)</p> <p>32 - Recent Trends in Software Development: Low-Code Solutions (Presenter: Ryan Benac)</p>	<p>309 - A Pilot Study of using Brain-Computer Interfaces in Classrooms for Promoting Formal Educational Activities (Presenter: Nataliya Kosmyna)</p> <p>215 - e-Learning Platform for Ordinary Level Students Studying Algebra in Sri Lanka (Presenter: W.P.G. Amasha Daphnie)</p> <p>139 - Development and Evaluation of Online Meeting System to Promote Effective Communication (Presenter: Hiroaki Tobita, Yuka Koyano)</p> <p>265 - An Analysis of the Persuasive Technology Design Features that Support Behavioural Change (Presenter: Ebenezer Agbozo)</p> <p>4 - Is BIM too Detailed for Conceptual Designing? A Case Study (Presenter: Wael Abdelhameed)</p> <p>393 - The Knowledge-based Design of Educational Technology (Presenter: Stefan Svetsky)</p> <p>368 - A Serious Game for Teaching Genetic Algorithms (Presenter: Thomas Hanne)</p> <p>408 - Determinants of Students' Satisfaction with Higher Education Institutions in Face-to-Face and Online Learning Environments (Presenter: Nishara Nizamuddin)</p>	<p>352 - AgentHunt: Honeypot and IDS based Network Monitoring Device to Secure Home Networks (Presenter: Pramodya U.J.C)</p> <p>324 - Efficient Secret Sharing-based Partial Matching Search using Error Correction Code (Presenter: Ahmad Akmal Aminuddin Mohd Kamal)</p> <p>238 - "PollPub": Secure and Dynamic Polling Platform using Blockchain (Presenter: Pasan Nethsara Wimaladasa)</p> <p>277 - Security Analysis of Zhang et al. Authenticated Encryption Scheme (Presenter: Mohamed Rasslan)</p> <p>172 - The Effectiveness of Outsourcing Cybersecurity Practices: A Study of the Italian Context (Presenter: Silvia Colabianchi)</p> <p>189 - Evaluation of System Features Used for Malware Detection (Presenter: Stefan Balogh)</p> <p>25 - Evaluation of Supervised Machine Learning Algorithms for Multi-class Intrusion Detection Systems (Presenter: Sanaa Kaddoura)</p> <p>167 - Understanding Risks of Sharing Images in the Context of Deepfakes Technology (Presenter: Srinivas Madhisetty)</p>	<p>240 - Investigating Historical Crime Importance in Vancouver via Temporal-spatial Crime Pattern Theory (Presenter: Vincent Nguyen)</p> <p>15 - Process Mining Capabilities Extended to Time Series Analysis as Applied to Meteosat Water Vapor Images (Presenter: Yaimara Céspedes)</p> <p>369 - Data Validation Through Decentralised Blockchain-based Registries (Presenter: Cinthia Pascual Cáceres)</p> <p>16 - Nonsmooth Low-Rank Matrix Recovery: Methodology, Theory and Algorithm (Presenter: Yi Liu)</p> <p>13 - Process Mining as a Time Series Analysis Tool via Conformance Checking (Presenter: Yaimara Céspedes)</p> <p>14 - Process Mining as a Time Series Analysis Tool via Graph Kernels (Presenter: Yaimara Céspedes)</p> <p>201 - Towards a Knowledge Discovery Framework for Data Science Job Market in the United States (Presenter: Donald Brown)</p> <p>256 - Socio-demographic Characteristics Prediction using Soft Clustering of Load Consumption Data (Presenter: Chung Ming Cheung)</p>	<p>43 - Beyond the Keyboard, Mouse, and Screen (Presenter: Ian Gonsler)</p> <p>168 - Autonomous Transport System Embedded with Alcohol Detection and Ignition Lock, Driver Anti-snooze System and Passenger Counting (Presenter: Katlego Rambau)</p> <p>128 - Automatic Classification of Plutonic Rocks with Machine Learning Applied to Extracted Shades and Colors on iOS Devices (Presenter: Sarah Hernandez)</p> <p>202 - Representation Learning in Sequence to Sequence Tasks: Multi-filter Gaussian Mixture Autoencoder (Presenter: Yunhao Yang)</p> <p>31 - Using Agent based Modeling to frame Autonomous Vehicle Navigation as Complex Systems (Presenter: Sudhanshu Kumar Semwal)</p> <p>126 - User Experience and Trustworthiness Measurement: Challenges in the Context of e-Commerce Applications (Presenter: Andréia Rodrigues Casare)</p> <p>246 - Use of Head Position Estimation for Attention Level Detection in Remote Classrooms (Presenter: Juan Pinzon)</p> <p>53 - A New Matrix Model for Human-AI Integration (Presenter: Francesco Rago)</p>