

Agenda - Intelligent Systems Conference (IntelliSys) 2021 (Virtual Event)

TIME (AMSTERDAM/ CEST)	Thu, 2 September	Fri, 3 September
12:30 PM - 01:00 PM		Keynote - Nikola Kasabov
01:00 PM - 01:30 PM	Opening	
01:30 PM - 02:00 PM	Networking	Session 11: Artificial Intelligence Session 12: Data Science Session 13: Deep Learning Session 14: Smart Healthcare Session 15: Agents and Multi-agent Systems
02:00 PM - 03:00 PM	Keynote - Amy Bruckman	
03:00 PM - 03:30 PM	Virtual Roundtables	Virtual Roundtables
03:30 PM - 04:30 PM	Keynote - Wojciech Szpankowski	Keynote - Elias Fallon
04:30 PM - 06:00 PM	Session 1: Artificial Intelligence Session 2: Data Science Session 3: Deep Learning Session 4: Computational Intelligence Session 5: Intelligent Transportation	Session 16: Machine Vision Session 17: Natural Language Processing Session 18: Robotics Session 19: Smart Cities Session 20: Poster Presentations
06:00 PM - 06:30 PM	Virtual Roundtables	Virtual Roundtables
06:30 PM - 07:30 PM	Session 6: Natural Language Processing Session 7: Data Science Session 8: Deep Learning Session 9: Smart Healthcare Session 10: Agents and Multi-agent Systems	Session 21: Ambient Assisted Living Session 22: Augmented/Virtual Reality Session 23: e-Learning Session 24: Internet of Things Session 25: Security and Privacy
07:30 PM - 08:00 PM		Happy Hour + Closing

Session 1: Artificial Intelligence	Session 2: Data Science	Session 3: Deep Learning	Session 4: Computational Intelligence	Session 5: Intelligent Transportation
<p>148 - A Decentralized Explanatory System for Intelligent Cyber-Physical Systems (Presenter: Étienne Houzé)</p> <p>293 - Computational Rational Engineering and Development: Synergies and Opportunities (Presenter: Ramses Sala)</p> <p>286 - Customs Risk Assessment based on Unsupervised Anomaly Detection using Autoencoders (Presenter: Dion Oosterman)</p> <p>325 - Development Support for Intelligent Systems (Presenter: Arne Koschel)</p> <p>33 - Automatic Recognition of Key Modulations in Symbolic Musical Pieces using Information Theory (Presenter: Michele Della Ventura)</p> <p>282 - Best Next Preference Prediction based on LSTM and Multi-level Interactions (Presenter: Ivett Fuentes)</p> <p>246 - Dynamic Analysis of Bitcoin Fluctuations by Means of a Fractal Predictor (Presenter: Jaime Moreno)</p> <p>127 - Increasing Robustness for Machine Learning Services in Challenging Environments: Limited Resources and No Label Feedback (Presenter: Lucas Baier)</p>	<p>214 - A Multimodal Digital Humanities Study of Terrorism in Swedish Politics (Presenter: Jens Edlund)</p> <p>86 - Imbalanced Dataset Optimization with New Resampling Techniques (Presenter: Ivan Letteri)</p> <p>297 - Multi-level Visualization with the MLV-Viewer Prototype (Presenter: Carlos Alves)</p> <p>49 - SIFCM-Shape: State-of-the-Art Algorithm for Clustering Correlated Time Series (Presenter: Chen Avni)</p> <p>258 - Analysis of Electricity Customer Clusters using Self-organizing Maps (Presenter: Daniel Ferreira)</p> <p>162 - Learning Incorrect Verdict Patterns of the Established Face Recognizing CNN Models using Meta-Learning Supervisor ANN (Presenter: Stanislav Selitskiy, Nikolaos Christou)</p> <p>331 - One-Class Self-Attention Model for Anomaly Detection in Manufacturing Lines (Presenter: Linh Le)</p> <p>118 - Deep Neural-network Prediction for Study of Informational Efficiency (Presenter: Rejwan Bin Sulaiman)</p>	<p>89 - A Framework for Adaptive Mobile Ecological Momentary Assessments using Reinforcement Learning (Presenter: Lihua Cai)</p> <p>356 - Scope and Sense of Explainability for AI-Systems (Presenter: Anastasia-Maria Leventi-Peetz)</p> <p>287 - BreakingBED: Breaking Binary and Efficient Deep Neural Networks by Adversarial Attacks (Presenter: Manoj Rohit Vemparala)</p> <p>333 - Deep Learning and Social Media for Managing Disaster: Survey (Presenter: Zair Bouzidi)</p> <p>75 - Performance Analysis of Data-Driven Techniques for Solving Inverse Kinematics Problems (Presenter: Vijay Bhaskar Semwal)</p> <p>141 - Machine Learning based H2 Norm Minimization for Maglev Vibration Isolation Platform (Presenter: Baris Yalcin)</p> <p>27 - Multi-GPU-based Convolutional Neural Networks Training for Text Classification (Presenter: Imen Ferjani)</p> <p>215 - Use Case Prediction using Deep Learning (Presenter: Tinashe Wamambo)</p>	<p>88 - A Genetic Algorithm for Quantum Circuit Generation in OpenQASM (Presenter: Teong Joo Ong)</p> <p>324 - An Improved Clustering-based Harmony Search Algorithm (IC-HS) (Presenter: Yang Zhang)</p> <p>249 - Evaluation of Transformation Tools in the Context of NoSQL Databases (Presenter: Sarah Hahn)</p> <p>238 - Machine Learning for Optimal ITAE Controller Parameters for Thermal PTn Actuators (Presenter: Roland Büchi)</p> <p>4 - Particle Swarm Model for Predicting Student Performance in Computing Programs (Presenter: Riyadh Mehdi)</p> <p>207 - The Emergence of Hybrid Edge-Cloud Computing for Energy Efficiency in Buildings (Presenter: Faycal Bensaali, Yassine Himeur)</p> <p>142 - Tabu Search for Locating-Routing in the Goods Delivery and Waste Pickup in Trujillo-Peru (Presenter: Edwar Lujan)</p> <p>336 - Role of Artificial Intelligence in Software Quality Assurance (Presenter: Sarang Shaikh)</p>	<p>218 - Optimizing the Belfast Bike Sharing Scheme (Presenter: Nadezda Demidova)</p> <p>3 - Towards Context-Awareness for Enhanced Safety of Autonomous Vehicles (Presenter: Nikita Haupt)</p> <p>229 - Vehicle-to-Grid based Microgrid Modeling and Control (Presenter: Samith Chowdhury, Hessam Keshtkar)</p> <p>209 - A Multimodal Approach to Psycho-Emotional State Detection of a Vehicle Driver (Presenter: Igor Lashkov)</p> <p>146 - Identifying Leading Indicators for Tactical Truck Parts' Sales Predictions using LASSO (Presenter: Vahideh Reshadat)</p> <p>81 - Multi-resolution SVD, Linear Regression, and Extreme Learning Machine for Traffic Accidents Forecasting with Climatic Variable (Presenter: Lida Barba)</p> <p>237 - Hybrid Recurrent Traffic Flow Model (URTFM-RNN) (Presenter: Elena Sofronova)</p> <p>219 - Detecting Number of Passengers in a Moving Vehicle with Publicly Available Data (Presenter: Luciano Branco)</p>

Session 6: Natural Language Processing	Session 7: Data Science	Session 8: Deep Learning	Session 9: Smart Healthcare	Session 10: Agents and Multi-agent Systems
<p>203 - Discovering Influence of Yelp Reviews using Hawkes Point Processes (Presenter: Yichen Jiang)</p> <p>216 - Automated Corpus Annotation for Cybersecurity Named Entity Recognition with Small Keyword Dictionary (Presenter: Kazuaki Kashihara)</p> <p>220 - Finding Trustworthy Users: Twitter Sentiment Towards US Presidential Candidates in 2016 and 2020 (Presenter: Tengchieh Huang)</p> <p>195 - Global Postal Automation (Presenter: Jorge Fonseca Cacho)</p> <p>272 - LexDivPara: A Measure of Paraphrase Quality with Integrated Sentential Lexical Complexity (Presenter: Thanh Thieu)</p> <p>269 - Text Classification using Neural Network Language Model (NNLM) and BERT: An Empirical Comparison (Presenter: Kazem Taghva)</p> <p>343 - Towards an Automated Language Acquisition System for Grounded Agency (Presenter: Ting Liu, Sharon Small)</p> <p>245 - Neural Abstractive Unsupervised Summarization of Online News Discussions (Presenter: Marcelo Mendoza)</p>	<p>221 - A Novel Method to Estimate Parents and Children for Local Bayesian Network Learning (Presenter: Sergio del Río)</p> <p>312 - A Study of Big Data Analytics in Internal Auditing (Presenter: Neda Shabani)</p> <p>30 - Network Classification with Missing Information (Presenter: Ruriko Yoshida)</p> <p>73 - Topic Modeling based on ICD Codes for Clinical Documents (Presenter: Yijun Shao)</p> <p>31 - Tropical Data Science over the Space of Phylogenetic Trees (Presenter: Ruriko Yoshida)</p> <p>166 - FRvarPSO as an Alternative to Measure Credit Risk in Financial Institutions (Presenter: Patricia Jimbo Santana)</p> <p>147 - Supporting Financial Inclusion with Graph Machine Learning and Super-App Alternative Data (Presenter: Luisa Roa)</p> <p>247 - Fraud Detection in Online Market Research (Presenter: Vera Kalinichenko)</p>	<p>173 - A Vision based Deep Reinforcement Learning Algorithm for UAV Obstacle Avoidance (Presenter: Amir Niaraki)</p> <p>169 - Discovering Nonlinear Dynamics through Scientific Machine Learning (Presenter: Lei Huang)</p> <p>205 - Enhancing LSTM Models with Self-attention and Stateful Training (Presenter: Alexander Katrompas)</p> <p>262 - Detecting and Fixing Nonidiomatic Snippets in Python Source Code with Deep Learning (Presenter: Balázs Pintér, Balázs Szalontai)</p> <p>211 - Wind Speed Time Series Prediction with Deep Learning and Data Augmentation (Presenter: Anibal Flores)</p> <p>357 - Parallel Dilated CNN for Detecting and Classifying Defects in Surface Steel Strips in Real-Time (Presenter: Khaled Ahmed)</p> <p>43 - DAC-Deep Autoencoder-based Clustering: A General Deep Learning Framework of Representation Learning (Presenter: Ruisi Li)</p> <p>119 - Research on Text Classification Modeling Strategy based on Pre-trained Language Model (Presenter: Yiou Lin)</p>	<p>170 - EMG Controlled Electric Wheelchair (Presenter: Jacob Vigliotta)</p> <p>280 - A Deep Learning-based Tool for Automatic Brain Extraction from Functional Magnetic Resonance Images of Rodents (Presenter: Sidney Pontes-Filho)</p> <p>200 - A Critical Evaluation of Machine Learning and Deep Learning Techniques for COVID-19 Prediction (Presenter: Kainat Khero)</p> <p>116 - An Attention-based Deep Learning Model with Interpretable Patch-Weight Sharing for Diagnosing Cervical Dysplasia (Presenter: Jinyeong Chae)</p> <p>194 - Detection of Health-Preserving behavior among VK.com Users based on the Analysis of Graphic, Text and Numerical Data (Presenter: Dmitry Stepanov)</p> <p>355 - A Low-cost Human-Robot Interface for the Motion Planning of Robotic Hands (Presenter: Alice Miriam Howard)</p> <p>202 - Automatic Estimation of Fluid Volume Intake (Presenter: Eman Ayman Hassan)</p> <p>84 - Creating a Robot Brain with Object Recognition using Vocal Control, Text-to-Speech Support and a Simple Webcam (Presenter: Burta Andrei)</p>	<p>153 - A Framework for Testing and Evaluation of Operational Performance of Multi-UAV Systems (Presenter: Mrinmoy Sarkar)</p> <p>112 - The Simulation with New Opinion Dynamics using Five Adopter Categories (Presenter: Makoto Fujii)</p> <p>23 - Cellular Formation Maintenance and Collision Avoidance using Centroid-based Point Set Registration in a Swarm of Drones (Presenter: Jawad Yasin)</p> <p>171 - Addressing Consumer Demands (Presenter: Ricardo Barbosa)</p> <p>139 - Analysis of Divided Society at the Standpoint of In-Group and Out-Group using Opinion Dynamics (Presenter: Nozomi Okano)</p> <p>143 - Simulation of Intragroup Alignment using a New Model of Opinion Dynamics (Presenter: Masaru Nishikawa, Akira Ishii)</p> <p>266 - Random Forest Classification with MapReduce in Holonic Multiagent Systems (Presenter: Michele Cullinan, Duncan Coulter)</p> <p>348 - Fluid Dynamics of a Pandemic in a Spatial Social Network (Presenter: Saad)</p>

Session 11: Artificial Intelligence	Session 12: Data Science	Session 13: Deep Learning	Session 14: Smart Healthcare	Session 15: Agents and Multi-agent Systems
<p>131 - An Analysis with Dynamics between Human Motivation and Messaging on Social Networking Services (Presenter: Hidehiro Matsumoto)</p> <p>307- Are Human Drivers a Liability or an Asset? (Presenter: David Sanders)</p> <p>57 - A Classification based Ensemble Pruning Framework with Multi-metric Consideration (Presenter: Ya-Lin Zhang)</p> <p>144 - Achieving Trust in Future Human Interactions with Omnipresent AI: Some Postulates (Presenter: Peer Sathikh)</p> <p>241 - Construction Control Organization with Use of Computer and Information Technologies in Context of Sustainable Development Providing (Presenter: Tuskaeva Zalina Ruslanovna)</p> <p>44 - Is it Possible to Recognize a Philosophical Zombie and How to Do it (Presenter: Roman Dushkin)</p> <p>243 - Negative Emotions Induced by Non-verbal Video Clips (Presenter: Flavia De Simone)</p> <p>29 - QPSetter: An Artificial Intelligence-based Web Enabled, Personalized Service Application for Educators (Presenter: Mohommad Ali Kadampur)</p>	<p>91 - High Capacity Data Hiding for AMBTC Decompressed Images using Pixel Modification and Difference Expansion (Presenter: Ying-Hsuan Huang)</p> <p>335 - An Automated Visualization Feature-based Analysis Tool (Presenter: Rabiah Kadir)</p> <p>154 - Electromagnetism-Like Algorithm and Harmony Search for Chemical Kinetics Problem (Presenter: Elena Shvareva)</p> <p>255 - Formation Method of Delaunay Lattice for Describing and Identifying Objects in Fuzzy Images (Presenter: Grebenyuk Elena)</p> <p>152 - The Data Mining Dataset Characterization Ontology (Presenter: Nataly Zhukova)</p> <p>78 - A Complete Index Base For Querying Data Cube (Presenter: Phan Luong Viet)</p> <p>358 - Customer Churn Prediction and Promotion Models in the Telecom Sector: A Case Study (Presenter: Ülkü Fatma Gürsoy)</p> <p>199 - SmartData: An Intelligent Decision Support System to Predict the Readers Permanence in News (Presenter: Jessie Martin)</p>	<p>104 - Reputation Analysis based on Weakly-Supervised Bi-LSTM-Attention Network (Presenter: Xiang Kun)</p> <p>185 - Late Fusion of Convolutional Neural Network with Wavelet-based Ensemble Classifier for Acoustic Scene Classification (Presenter: Cheng Siong Chin)</p> <p>278 - Domain Generalization using Ensemble Learning (Presenter: Adil Mehmood Khan)</p> <p>323 - Evaluation for Angular Distortion of Welding Plate (Presenter: Shigeru Kato)</p> <p>59 - Selective Information Control and Network Compression in Multi-layered Neural Networks (Presenter: Ryotaro Kamimura)</p> <p>268 - VAMDLE: Visitor and Asset Management using Deep Learning and ElasticSearch (Presenter: Zahra Mungloo-Dilmohamud)</p> <p>149 - Tensor Data Scattering and the Impossibility of Slicing Theorem (Presenter: Wuming Pan)</p> <p>316 - Lidar-based 3D Object Detection using Semantic Segmentation (Presenter: Muhammad Imad)</p>	<p>189 - Predicting Falls in Older Adults Aged 65 and Up based on Fall Risk Dataset (Presenter: Jinzhu Gao)</p> <p>337 - Towards a Computational Framework for Automated Discovery and Modeling of Biological Rhythms from Wearable Data Streams (Presenter: Runze Yan)</p> <p>290 - Classification of Computed Tomography Images with Pleural Effusion Disease using Convolutional Neural Networks (Presenter: David Benavente)</p> <p>101 - Comparative Analysis of Machine Learning Algorithms using COVID-19 Chest X-ray Images and Dataset (Presenter: Abraham Kumah)</p> <p>334 - Ensemble Unet++ for Locating the Exponential Growth Virus Samples (Presenter: Hien Tran, Yahe Yu)</p> <p>264 - ViewClassifier: Visual Analytics on Performance Analysis for Imbalanced Fatal Accident Data (Presenter: Bo Sun)</p> <p>175 - WearMask in COVID-19: Identification of Wearing Facemask based on using CNN Model and Pre-Trained CNN Models (Presenter: Abrar Hussain)</p> <p>64 - Detection of the Inflammatory Bowel Diseases via Machine Learning Methods (Presenter: Igor F Tsigelny)</p>	<p>87 - A Real-time Intelligent Intra-vehicular Temperature Control Framework (Presenter: Shahab Tayeb)</p> <p>299 - Affective Story-Morphing: Manipulating Shelley's Frankenstein under Program Control using Emotionally Intelligent Agents (Presenter: Clark Elliott)</p> <p>230 - Autonomy Reconsidered: Towards Developing Multi-agent Systems (Presenter: Matthias Scheutz)</p> <p>150 - Dynamic Strategies and Opponent Hands Estimation for Reinforcement Learning in Gin Rummy Game (Presenter: Yuexing Hao)</p> <p>114 - Intrinsic Rewards for Reinforcement Learning within Complex 2D Environments (Presenter: Nathaniel Grabaskas)</p> <p>292 - Monitoring Goal Driven Autonomy Agent's Expectations Generated from Durative Effects (Presenter: Noah Reifsnyder)</p> <p>298 - Sublinear Regret with Barzilai-Borwein Step Sizes (Presenter: Iyanuoluwa Emiola)</p> <p>22 - Wireless Sensor Network Smart Environment for Precision Agriculture (Presenter: Abdul Mutalib Wahaishi)</p>

Session 16: Machine Vision	Session 17: Natural Language Processing	Session 18: Robotics	Session 19: Smart Cities	Session 20: Poster Presentations
<p>109 - Risk & Returns around FOMC Press Conferences: A Novel Perspective from Computer Vision (Presenter: Alexis Marchal)</p> <p>352 - Development of a Human Identification Software System in Real Time (Presenter: Askar Boranbayev)</p> <p>71 - Video Processing Algorithm in Foggy Environment for Intelligent Video Surveillance (Presenter: Alexey Subbotin)</p> <p>315 - Attention-Enabled Object Detection to Improve One-Stage Tracker (Presenter: Neelu Madan)</p> <p>85 - Distance Estimation Methods for Smartphone-based Navigation Support Systems (Presenter: Bineeth Kuriakose)</p> <p>21 - Document Digitization Technology and its Application in Tanzania (Presenter: Mbonimpaye John)</p> <p>327 - Transfer Learning Methods for Training Person Detector in Drone Imagery (Presenter: Marina Ivasic-Kos)</p> <p>338 - Adversarial Domain Adaptation for Medieval Instrument Recognition (Presenter: Imad Eddine Ibrahim Bekkouch)</p>	<p>115 - Text-based Speaker Identification for Video Game Dialogues (Presenter: Dusan Radisavljevic)</p> <p>346 - Natural Language Processing in the Support of Business Organization Management (Presenter: Leszek Ziora)</p> <p>95 - AIRM: A New AI Recruiting Model for the Saudi Arabia Labor Market (Presenter: Monirah Aleisa)</p> <p>193 - Automatic Monitoring and Analysis of Brands using Data Extracted from Twitter in Romanian (Presenter: Lucian Istrati)</p> <p>103 - CESAR: A New Metric to Measure the Level of Code-Switching in Corpora - Application to Maghrebian Dialects (Presenter: Karima Abidi)</p> <p>341 - The Potential of Machine Learning Algorithms for Sentiment Classification of Students' Feedback on MOOC (Presenter: Ali Shariq Imran)</p> <p>102 - Chat-XAI: A New Chatbot to Explain Artificial Intelligence (Presenter: Mingkun Gao)</p> <p>92 - A Survey on the Semi Supervised Learning Paradigm in the Context of Speech Emotion Recognition (Presenter: Paulo Novais)</p>	<p>339 - Benchmarking Virtual Reinforcement Learning Algorithms to Balance a Real Inverted Pendulum (Presenter: Dylan Bates)</p> <p>320 - Cost-effective 4DoF Manipulator for General Applications (Presenter: Sandro Magalhães)</p> <p>156 - Configuring Waypoints and Patterns for Autonomous Arduino Robot with GPS and Bluetooth using an Android App (Presenter: Gary Liao)</p> <p>322 - Design of a Granular Jamming Universal Gripper (Presenter: Anglet Chiramal Jacob)</p> <p>271 - Flow Empirical Mode Decomposition (Presenter: Dário Pedro)</p> <p>295 - Local-Minimum-Free Artificial Potential Field Method for Obstacle Avoidance (Presenter: Guenafaf Lakhdar)</p> <p>183 - Small Scale Mobile Robot Auto-Parking using Deep Learning, Image Processing, and Kinematics-based Target Prediction (Presenter: Liya Ni)</p> <p>225 - Past, Present, and Future of Swarm Robotics (Presenter: Ahmad Reza Cheraghi)</p>	<p>98 - Deep Learning-based Vehicle Direction Detection (Presenter: Kazuyuki Kobayashi)</p> <p>145 - Digital Transformation of Public Service Delivery Processes in a Smart City (Presenter: Anton Ivaschenko)</p> <p>291 - An On-Device Deep Learning Framework to Encourage the Recycling of Waste (Presenter: Paul Stynes)</p> <p>117 - Experimental Design of Artificial Neural-network Solutions for Traffic Sign Recognition (Presenter: Arkadiusz Biel)</p> <p>164 - Exploiting Deep Learning Algorithm to Understand Buildings' Façade Characteristics (Presenter: Luca Rampini)</p> <p>8 - Spatial Modelling and Microstructural Modulation of Porous Pavement Materials for Seepage Control in Smart Cities (Presenter: Zhexu Xi)</p> <p>236 - Potholes Detection using Deep Learning and Area Estimation using Image Processing (Presenter: khaled Ahmed)</p> <p>7 - Prediction of Homicides in Urban Centers: A Machine Learning Approach (Presenter: José Ribeiro)</p>	<p>163 - A Multi-Agent System with Smart Agents for Resource Allocation Problem Solving (Presenter: Alexey Goryashchenko)</p> <p>5 - Prediction of Isoflavone Content in Soybeans with Sentinel-2 Optical Sensor Data by Means of Regressive Analysis (Presenter: Kohei Arai)</p> <p>232 - More than Just an Auxiliary Loss: Anti-spoofing Backbone Training via Adversarial Pseudo-depth Generation (Presenter: Chang Keun Paik)</p> <p>190 - Search Methods in Motion Planning for Mobile Robots (Presenter: Aparna Varde)</p> <p>206 - Application of Adversarial Domain Adaptation to Voice Activity Detection (Presenter: Jonghwan Ko)</p> <p>302 - A Neuro-Fuzzy Model for Fault Detection, Prediction and Analysis for a Petroleum Refinery (Presenter: Peter Omoarebun)</p> <p>178 - Emergence and Solidification-Fluidisation (Presenter: Bernhard Heiden)</p> <p>257 - Impact of Interventional Policies Including Vaccine on COVID-19 Propagation and Socio-economic Factors: Predictive Model Enabling Simulations using Machine Learning and Big Data (Presenter: Haonan Wu)</p>

Session 21: Ambient Assisted Living	Session 22: Augmented/Virtual Reality	Session 23: e-Learning	Session 24: Internet of Things	Session 25: Security and Privacy
<p>303 - One Shot Learning Approach to Identify Drivers (Presenter: Malik Haddad)</p> <p>304 - Facial Recognition Software for Identification of Powered Wheelchair Users (Presenter: Giles Tewkesbury)</p> <p>305 - Intelligent User Interface to Control a Powered Wheelchair using Infrared Sensors (Presenter: Malik Haddad)</p> <p>306 - Intelligent Control of a Semi-autonomous Assistive Vehicle (Presenter: David Sanders)</p>	<p>96 - Zero-Touch Customer Order Fulfillment to Support the New Normal of Retail in the 21st Century (Presenter: Eleni Aretoulaki)</p> <p>135 - VitrAI: Applying Explainable AI in the Real World (Presenter: Maximilien Kintz)</p> <p>80 - Contactless Interface for Navigation in Medical Imaging Systems (Presenter: Martin Zagar)</p> <p>48 - Mobile Apps for 3D Face Scanning (Presenter: Armands Silitis)</p>	<p>351 - Technology of Creation and Functioning of a Multimedia Educational Portal for Distance Learning of School Children in the Republic of Kazakhstan under Pandemic Conditions (Presenter: Askar Boranbayev)</p> <p>13 - Advancing Adaptive Learning via Artificial Intelligence (Presenter: Kamal Kakish, Cindy Robertson)</p> <p>288 - Towards a Novel Architecture of Smart Campuses based on Spatial Data Infrastructure and Distributed Ontology (Presenter: Truong Xuan Viet)</p> <p>201 - Course Recommendation System for a Flexible Curriculum based on Attribute Selection and Regression (Presenter: Christian Sanchez)</p>	<p>159 - Intelligent Time Synchronization Protocol for Energy Efficient Sensor Systems (Presenter: Jalil Boudjadar)</p> <p>301 - Intelligent Sensors for Intelligent Systems: Fault Tolerant Measurement Methods for Intelligent Strain Gauge Pressure Sensors (Presenter: Thomas Barker)</p> <p>273 - Selective Windows Autoregressive Model for Temporal IoT Forecasting (Presenter: Samer Sawalha)</p> <p>187 - IoT Computing for Monitoring NFT-I Cultivation Technique in Vegetable Production (Presenter: Manuel Ibarra)</p>	<p>252 - sBiLSAN:Stacked Bidirectional Self-Attention LSTM Network for Anomaly Detection and Diagnosis from System Logs (Presenter: Chao Sun)</p> <p>83 - Multilayer Security for Facial Authentication to Secure Text Files (Presenter: Jeffrey Tagoc)</p> <p>93 - Information Security Awareness Evaluation Framework and Exploratory Study (Presenter: Veselina Jecheva)</p> <p>267 - Detecting CAN Bus Intrusion by Applying Machine Learning Method to Graph based Features (Presenter: Rafi Ud Daula Refat)</p>