

Agenda - Intelligent Systems Conference (IntelliSys) 2020

TIME (UTC/GMT)	Thu, 3 September	Fri, 4 September
10:00 AM - 11:00 AM	Opening Session	Session 4 - Machine Vision
11:00 AM - 12:00 PM	Keynote - Toby Walsh	Keynote - Michael Bronstein
12:00 PM - 12:30 PM	Virtual Roundtables	Virtual Roundtables
12:30 PM - 1:30 PM	Keynote - Amy Greenwald	Keynote - Freddy Lecue
1:30 PM - 2:30 PM	Session 1 - Deep Learning + NN	Session 5 - Smart Systems
2:30 PM - 3:00 PM	Session 2 - Data Science	Session 6 - Sensor Networks
3:00 PM - 3:30 PM		Session 7 - Assistive Technologies
3:30 PM - 4:30 PM	Keynote - Max Welling	Posters
4:30 PM - 5:00 PM	Virtual Roundtables	Virtual Roundtables
5:00 PM - 6:00 PM	Session 3 - AI + Robotics	Session 8 - NLP
6:00 PM - 7:00 PM	Yoga and Mindfulness	Happy Hour

Session 1 - Deep Learning + NN

1:30 PM - 2:30 PM (UTC)

1:30 PM	<p>256 - Fast Neural Accumulator (NAC) based Badminton Video Action Classification</p> <p>Presenter: Pooja Consul</p>	<p>94 - Self-organising Urban Traffic Control on Micro-level using Reinforcement Learning and Agent-based Modelling</p> <p>Presenter: Stefan Bosse</p>	<p>217 - A Novel Cognitive Computing Technique using Convolutional Networks for Automating the Criminal Investigation Process in Policing</p> <p>Presenter: Nour Moustafa</p>	<p>227 - Learn-able Parameter Guided Activation Functions</p> <p>Presenter: Kavya T</p>
1:40 PM	<p>233 - Abstraction-based Outlier Detection for Image Data</p> <p>Presenter: Kirill Yakovlev</p>	<p>477 - A Deep Learning Cognitive Architecture: Towards a Unified Theory of Cognition</p> <p>Presenter: Isabella Panella</p>	<p>147 - Evolving Recurrent Neural Networks for Pattern Classification</p> <p>Presenter: Gonzalo Nápoles</p>	<p>298 - Towards Online-Prediction of Quality Features in Laser Fusion Cutting using Neural Networks</p> <p>Presenter: Ulrich Halm</p>
1:50 PM	<p>196 - Neural Network Modeling of Productive Intellectual Activity in Older Adolescents</p> <p>Presenter: Yana Sipovskaya</p>	<p>33 - A Neuro-Fuzzy Model for Software Defects Prediction and Analysis</p> <p>Presenter: Riyadh Mehdi</p>	<p>90 - Fast GPU Convolution for CP-Decomposed Tensorial Neural Networks</p> <p>Presenter: Tahseen Rabbani, Alex Reustle</p>	<p>252 - Convergence of a Relaxed Variable Splitting Method for Learning Sparse Neural Networks via l1, l0, and Transformed-l1 Penalties</p> <p>Presenter: Thu Dinh</p>
2:00 PM	<p>65 - Overcrowding Detection based on Crowd-gathering Pattern Model</p> <p>Presenter: Liu Bai</p>	<p>363 - A Collaborative Intrusion Detection System using Deep Blockchain Framework for Securing Cloud Networks</p> <p>Presenter: Osama Alkadi</p>	<p>395 - Deep Neural Networks: Incremental Learning</p> <p>Presenter: Rama Murthy Garimella</p>	<p>221 - Bidirectional Estimation of Partially Black-Boxed Layers of SOM-Based Convolutional Neural Networks</p> <p>Presenter: Ryotaro Kamimura</p>
2:10 PM	<p>255 - Budget Active Learning for Deep Networks</p> <p>Presenter: Patrick Gikunda</p>	<p>146 - Methods of the Vehicle Re-identification</p> <p>Presenter: Mohamed Nafzi</p>	<p>388 - Surface Defect Detection using YOLO Network</p> <p>Presenter: Hossein Malekmohamadi</p>	<p>310 - PrivLeAD: Privacy Leakage Detection on the Web</p> <p>Presenter: Michalis Pachilakis</p>
2:20 PM	<p>181 - A Deep Learning-based Approach for the Classification of Gait Dynamics in Subjects with a Neurodegenerative Disease</p> <p>Presenter: Giovanni Paragliola</p>	<p>120 - Novel Deep Learning Model for Uncertainty Prediction in Mobile Computing</p> <p>Presenter: Akhilesh R. Upadhyay</p>	<p>121 - Drone-based Cattle Detection using Deep Neural Networks</p> <p>Presenter: Rua Aburasain</p>	<p>115 - Comparison of Hybrid Recurrent Neural Networks for Univariate Time Series Forecasting</p> <p>Presenter: Anibal Flores</p>

Session 2 - Data Science

2:30 PM - 3:30 PM (UTC)

2:30 PM	<p>234 - Smartphone Applications Developed to Collect Mobility Data: A Review and SWOT Analysis Presenter: Cristina Pronello, Pinky Kumawat</p>	<p>93 - Detailed Clustering based on Gaussian Mixture Models Presenter: Nikita Andriyanov</p>	<p>72 - An Improved Algorithm for Fast K-Word Proximity Search based on Multi-Component Key Indexes Presenter: Alexander Veretennikov</p>	<p>97 - Clustering Approach to Topic Modeling in Users Dialogue Presenter: Evgeniya Feldina</p>
2:40 PM	<p>210 - Data Mining Solutions for Direct Marketing Campaign Presenter: Duke T. J. Ludera</p>	<p>81 - Data Mining and Machine Learning Techniques for Bank Customers Segmentation: A Systematic Mapping Study Presenter: Cruz Maricel Monge</p>	<p>284 - Automatic Classification of Web News: A Systematic Mapping Study Presenter: Mauricio Pandolfi G</p>	<p>431 - AIS Ship Trajectory Clustering based on Convolutional Auto-encoder Presenter: Taizheng Wang</p>
2:50 PM	<p>385 - Predicting University Students' Public Transport Preferences for Sustainability Improvement Presenter: Ali Bakdur</p>	<p>67 - A Review of Phishing URL Detection using Machine Learning Classifiers Presenter: Muhammad Usman</p>	<p>287 - Fair Allocation based Soft Load Shedding Presenter: Imdadullah Khan</p>	<p>224 - STAR: Spatio-Temporal Prediction of Air Quality using a Multimodal Approach Presenter: Bui Tien Cuong</p>
3:00 PM	<p>82 - Academic Articles Recommendation using Concept-based Representation Presenter: Dina Mohamed</p>	<p>327 - A Text Extraction-based Smart Knowledge Graph Composition for Integrating Lessons Learned during the Microchip Design Presenter: Hasan Abu Rasheed</p>	<p>37 - Learning a Generalized Matrix from Multi-Graphs Topologies towards Microservices Recommendations Presenter: Ilias Tsoumas</p>	<p>239 - Membrane Clustering using the PostgreSQL Database Management System Presenter: Péter Lehotay-Kéry</p>
3:10 PM	<p>12 - A Feedback Integrated Web-based Multi-Criteria Group Decision Support Model for Contractor Selection using Fuzzy Analytic Hierarchy Process Presenter: Abimbola Afolayan</p>	<p>151 - Back to the Past to Charter the Vinyl Electronic Market: A Data Mining Approach Presenter: Sérgio Moro</p>	<p>2 - Big Data in Smart Infrastructure Presenter: Will Serrano</p>	<p>178 - Knowledge-based Model for Formal Representation of Complex System Visual Models Presenter: Ludmila V. Juravleva</p>
3:20 PM	<p>236 - An Improved Q-Learning Algorithm for Path Planning in Maze Environments Presenter: Shimin Gu</p>	<p>381 - VDENCLUE: An Enhanced Variant of DENCLUE Algorithm Presenter: Mariam Khader</p>	<p>237 - Big Data Clustering using MapReduce Framework: A Review Presenter: Mariam Khader</p>	<p>421 - A Novel Approach for Heart Disease Prediction using Genetic Algorithm and Ensemble Classification Presenter: Indu Yekkala</p>

Session 3 - AI + Robotics

5:00 PM - 6:00 PM (UTC)

5:00 PM	<p>293 - The Hybrid Design for Artificial Intelligence Systems</p> <p>Presenter: Roman Dushkin</p>	<p>209 - Development of Artificial Intelligence based Module to Industrial Network Protection System</p> <p>Presenter: Petr Dolezel</p>	<p>386 - Driving Reinforcement Learning with Models</p> <p>Presenter: Meghana Rathi</p>	<p>185 - Fault Diagnosis and Fault-Tolerant Control for Avionic Systems</p> <p>Presenter: Saverio Farsoni</p>
5:10 PM	<p>104 - Determining the Gain and Directivity of Antennas using Support Vector Regression</p> <p>Presenter: Ezgi Deniz Ülker</p>	<p>375 - Navigation Stack for Robots Working in Steep Slope Vineyard</p> <p>Presenter: Luis Santos</p>	<p>297 - Semantic Segmentation of Shield Tunnel Leakage with Combining SSD and FCN</p> <p>Presenter: Jia Fei</p>	<p>453 - Alleviating Congestion in Restricted Urban Areas with Cooperative Intersection Management</p> <p>Presenter: Levente Alekszejenko</p>
5:20 PM	<p>332 - Understanding and Exploiting Dependent Variables with Deep Metric Learning</p> <p>Presenter: Niall O' Mahony</p>	<p>223 - Traffic Accidents Analysis with the GPS/Arc/GIS Telecommunication System</p> <p>Presenter: Arbnor Pajaziti</p>	<p>176 - The Effect of using Artificial Intelligence on Performance of Appraisal System</p> <p>Presenter: Ahmed Alrashedi</p>	<p>122 - AI and Our Understanding of Intelligence</p> <p>Presenter: Mohammed Al-Khalidi</p>
5:30 PM	<p>266 - Aspects Regarding the Elaboration of the Geometric, Kinematic and Organological Study of a Robotic Technological Product</p> <p>Presenter: Silviu Mihai Petrisor</p>	<p>36 - Synthesis of Control System for Quad-rotor Helicopter by the Network Operator Method</p> <p>Presenter: Askhat Diveev</p>	<p>167 - Development of a Symbiotic GUI for Robotic & Prosthetic Hand</p> <p>Presenter: Neil Buckley</p>	<p>470 - Learning Actions with Symbolic Literals and Continuous Effects for a Waypoint Navigation Simulation</p> <p>Presenter: Morgan Fine-Morris</p>
5:40 PM	<p>472 - Maneuvers under Estimation of Human Postures for Autonomous Navigation of Robot KUKA YouBot</p> <p>Presenter: Carlos Gordón</p>	<p>99 - Dynamic Proxemia Modeling Formal Framework for Social Navigation and Interaction</p> <p>Presenter: Abir Bellarbi</p>	<p>179 - Realizing Macro based Technique for Behavioral Attestation on Remote Platform</p> <p>Presenter: Jawad Ali</p>	<p>118 - From Control to Coordination: Mahalanobis Distance-Pattern (MDP) Approach</p> <p>Presenter: Shuichi Fukuda</p>
5:50 PM	<p>92 - An Automated System of Threat Propagation using a Horizon of Events Model</p> <p>Presenter: Kilian Vasnier</p>	<p>418 - Detection of Anomalous Patterns in Water Consumption: An Overview of Approaches</p> <p>Presenter: Jose Carlos Carrasco Jimenez</p>	<p>331 - Prediction of Discharge Capacity of Labyrinth Weir with Gene Expression Programming</p> <p>Presenter: Amir Mosavi</p>	<p>208 - The Applicability of Robotic Cars in the Military in Detecting Animate and Inanimate Obstacles in the Real-time to Detect Terrorists and Explosives</p> <p>Presenter: Sara Alruzaiqi</p>

Session 4 - Machine Vision

10:00 AM - 11:00 AM (UTC)

10:00 AM	<p>286 - Java based Application Development for Facial Identification using OpenCV Library</p> <p>Presenter: Askar Boranbayev</p>	<p>22 - Adaptive Retraining of Visual Recognition-model in Human Activity Recognition by Collaborative Humanoid Robots</p> <p>Presenter: Vineet Nagrath</p>	<p>230 - Transferability of Fast Gradient Sign Method</p> <p>Presenter: Tamás Muncsan</p>	<p>98 - Challenges in Face Recognition using Machine Learning Algorithms: Case of Makeup and Occlusions</p> <p>Presenter: Stanislav Selitskiy, Natalya Selitskaya</p>
10:10 AM	<p>355 - Towards Semantic Segmentation using Ratio Unpooling</p> <p>Presenter: Hossein Malekmohamadi</p>	<p>447 - Vehicle Detection and Classification in Difficult Environmental Conditions using Deep Learning</p> <p>Presenter: Hossein Malekmohamadi</p>	<p>383 - Design of an Automatic System to Determine the Degree of Progression of Diabetic Retinopathy</p> <p>Presenter: Hernando Gonzalez Acevedo</p>	<p>170 - Spatial Constrained K-Means for Image Segmentation</p> <p>Presenter: Yue Liu</p>
10:20 AM	<p>301 - CapsNet vs CNN: Analysis of the Effects of Varying Feature Spatial Arrangement</p> <p>Presenter: Ugenteraan Manogaran</p>	<p>294 - Liveness Detection via Facial Expressions Queue</p> <p>Presenter: Bat-Erdene Batsukh</p>	<p>326 - Basic Urinal Flow Curves Classification with Proposed Solutions</p> <p>Presenter: Dominik Stursa</p>	<p>404 - History-based Anomaly Detector: An Adversarial Approach to Anomaly Detection</p> <p>Presenter: Pierrick Chatillon</p>
10:30 AM	<p>457 - A Reasoning based Model for Anomaly Detection in the Smart City Domain</p> <p>Presenter: Patrick Hammer</p>	<p>336 - Mixing Deep Visual and Textual Features for Image Regression</p> <p>Presenter: Youshan Zhang</p>	<p>328 - Deep Transfer Learning based Web Interfaces for Biology Image Data Classification</p> <p>Presenter: Ilmi Yoon</p>	<p>173 - The Effects of Social Issues and Human Factors on the Reliability of Biometric Systems: A Review</p> <p>Presenter: Mohammadreza Azimi</p>
10:40 AM	<p>124 - Detecting Cues of Driver Fatigue on Facial Appearance</p> <p>Presenter: Ann Nosseir</p>	<p>276 - Discriminative Context-Aware Correlation Filter Network for Visual Tracking</p> <p>Presenter: Xinjie Wang</p>	<p>119 - Tree-Structured Channel-Fuse Network for Scene Parsing</p> <p>Presenter: Ye Lu</p>	<p>322 - Adaptive Attention Mechanism based Semantic Compositional Network for Video Captioning</p> <p>Presenter: Zhaoyu Dong</p>
10:50 AM	<p>463 - Estimated Influence of Online Management Tools on Team Management based on the Research With the Use of the System of Organizational Terms</p> <p>Presenter: Olaf Flak</p>	<p>71 - Dangerous State Detection in Vehicle Cabin based on Audiovisual Analysis with Smartphone Sensors</p> <p>Presenter: Igor Lashkov</p>	<p>319 - Improved 2D Human Pose Tracking using Optical Flow Analysis</p> <p>Presenter: Aleksandr Khelvas, Egor Konyagin</p>	<p>114 - On-line Recognition of Fragments of Standard Images Distorted by Non-linear Devices and with a Presence of an Additive Impulse Interference</p> <p>Presenter: Nataliya Kalashnykova</p>

Session 5 - Smart Systems

1:30 PM - 2:30 PM (UTC)

1:30 PM	<p>262 - Sociophysics Approach of Simulation of Mass Media Effects in Society using New Opinion Dynamics</p> <p>Presenter: Akira Ishii</p>	<p>465 - Measures to Ensure the Reliability of the Functioning of Information Systems in Respect to State and Critically Important Information Systems</p> <p>Presenter: Askar Boranbayev</p>	<p>130 - Alzheimer Disease Prediction Model based on Decision Fusion of CNN-BiLSTM Deep Neural Networks</p> <p>Presenter: Tamer Abuhmed</p>	<p>75 - Methods and Means for Analyzing Heat-loss in Buildings for Increasing their Energy Efficiency</p> <p>Presenter: Veneta Yosifova</p>
1:40 PM	<p>437 - Learning and Cognition in Financial Markets: A Paradigm Shift for Agent-based Models</p> <p>Presenter: Johann Lussange</p>	<p>248 - Agent-based Simulation for Testing Vehicle-On-Demand Services in Rural Areas</p> <p>Presenter: Marius Becherer</p>	<p>401 - Agent-based Architectural Models of Supply Chain Management in Digital Ecosystems</p> <p>Presenter: Alexander Suleykin</p>	<p>304 - Data-Driven and Artificial Intelligence (AI) Approach for Modelling and Analyzing Healthcare Security Practice: A Systematic Review</p> <p>Presenter: Prosper Yeng</p>
1:50 PM	<p>283 - Smartphone-based Diabetic Retinopathy Severity Classification using Convolution Neural Networks</p> <p>Presenter: Sarah Sheikh</p>	<p>247 - On Mistakes we made in Prior Computational Psychiatry Data Driven Approach Projects and How they Jeopardize Translation of Those Findings in Clinical Practice</p> <p>Presenter: Milena Čukić Radenković</p>	<p>403 - Multi-person Spatial Interaction in a Large Immersive Display using Smartphones as Touchpads</p> <p>Presenter: Gyanendra Sharma</p>	<p>238 - Evaluating Deep Learning Biases based on Grey-Box Testing Results</p> <p>Presenter: Juan Li</p>
2:00 PM	<p>243 - Machine Learning Strategies to Distinguish Oral Cancer from Periodontitis using Salivary Metabolites</p> <p>Presenter: Eden Romm</p>	<p>264 - Multi-Platform Mission Planning based on Distributed Planning Method</p> <p>Presenter: Yang Guo</p>	<p>316 - ORTIA: An Algorithm to Improve Quality of Experience in HTTP Adaptive Bitrate Streaming Sessions</p> <p>Presenter: Usman Sharif Bajwa</p>	<p>69 - The Adoption of Electronic Administration by Citizens: Case of Morocco</p> <p>Presenter: Fadwa Satry</p>
2:10 PM	<p>77 - On the Applicability of 2D Local Binary Patterns for Identifying Electrical Appliances in Non-intrusive Load Monitoring</p> <p>Presenter: Yassine Himeur</p>	<p>107 - Intelligent Control of Traffic Flows under Conditions of Incomplete Information</p> <p>Presenter: Elena Sofronova</p>	<p>6 - An Automated Approach for Sustainability Evaluation based on Environmental, Social and Governance Factors</p> <p>Presenter: Ventsislav Nikolov</p>	<p>131 - Colorimetric Analysis of Images based on Objective Color Data</p> <p>Presenter: Yuriy Zayko</p>
2:20 PM	<p>451 - Brain MR Imaging Segmentation using Convolutional Auto Encoder Network for PET Attenuation Correction</p> <p>Presenter: Imene Mecheter</p>	<p>78 - Multimodal Affective Computing based on Weighted Linear Fusion</p> <p>Presenter: Ke Jin</p>	<p>10 - JomImage: Weight Control with Mobile SnapFudo</p> <p>Presenter: Eaw Hooi Cheng</p>	<p>427 - A Convolutional Neural Network Approach for Quantification of Tremor Severity in Neurological Movement Disorders</p> <p>Presenter: Rajesh Ranjan</p>

Session 6 - Sensor Networks

2:30 PM - 3:00 PM (UTC)

2:30 PM

49 - Predicting Vehicle Passenger Stress based on Sensory Measurements

Presenter: Dario Niermann

137 - A Quantum Model for Decision Support in a Sensor Network

Presenter: Shahram Payandeh

62 - Design and Implementation of a Flexible Platform for Remote Monitoring of Environmental Variables

Presenter: Francisco De Izaguirre

35 - The Energy Conservation and Consumption in Wireless Sensor Networks based on Energy Efficiency Clustering Routing Protocol

Presenter: Gaudence Tesha

2:40 PM

66 - Adaptable Embedding Algorithm to Secure Stream Data in the Wireless Sensor Network

Presenter: Mohammad Amanul Islam

253 - Infinite Mixtures of Gaussian Process Experts with Latent Variables and its Application to Terminal Location Estimation from Multiple-Sensor Values

Presenter: Takeshi Okadome

249 - Context-Aware Transfer of Task-based IoT Service Settings

Presenter: Michael Zipperle

364 - IoTManager: Concerns-based SDN Management Framework for IoT Networks

Presenter: Radwa Hamed

2:50 PM

39 - Management of Compressed Air to Reduce Energy Consumption using Intelligent Systems

Presenter: Giles Tewkesbury, Mohamad Thabet

59 - Anomaly Detection using Bidirectional LSTM

Presenter: Sarah Aljballi

361 - Intelligent Monitoring System of Environmental Biovariables in Poultry Farms

Presenter: Gabriela Chiluisa

245 - Flying Sensor Network Optimization using Bee Intelligence for Internet of Things

Presenter: Fahad Ahmad

Session 7 - Assistive Technologies

3:00 PM - 3:30 PM (UTC)

3:00 PM

45 - Intelligent Control and HCI for a Powered Wheelchair using a Simple Expert System and Ultrasonic Sensors

Presenter: David Sanders

20 - Intelligent Control of the Steering for a Powered Wheelchair using a Microcomputer

Presenter: Malik Haddad

40 - Use of the Analytical Hierarchy Process to Determine the Steering Direction for a Powered Wheelchair

Presenter: Malik Haddad

43 - Intelligent System to Analyze Data about Powered Wheelchair Drivers

Presenter: Malik Haddad

3:10 PM

44 - Introducing Time-Delays to Analyze Driver Reaction Times when using a Powered Wheelchair

Presenter: David Sanders

458 - Effect of Analysis Window and Feature Selection on Classification of Hand Movements using EMG Signal

Presenter: Imdadullah Khan

275 - An IoMT System for Healthcare Emergency Scenarios

Presenter: Bruno M. C. Silva

41 - Intelligent Risk Prediction of Storage Tank Leakage using an Ishikawa Diagram with Probability and Impact Analysis

Presenter: Favour Ikwan

3:20 PM

313 - Virtual Dog

Presenter: Jose Luis Pastrana-Brincones

282 - Smart Guide System for Blind People by Means of Stereoscopic Vision

Presenter: Jesús Jaime Moreno Escobar

38 - Smart Assist System for Driver Safety

Presenter: Etee Kawna Roy

417 - Biologically Inspired Exoskeleton Arm Enhancement Comparing Fluidic McKibben Muscle Insertions for Lifting Operations

Presenter: Glen Bright

Posters

3:30 PM - 4:30 PM (UTC)

3:30 PM

288 - Shared Autonomy in Web-based Human Robot Interaction

Presenter: Yug Ajmera

219 - Discrimination of Chronic Liver Disease in Non-Contrast CT Images using CNN-Deep Learning

Presenter: Tae-Hoon Kim

222 - Factors Affecting the Organizational Readiness to Design Autonomous Machine Systems: Towards an Evaluation Framework

Presenter: Eetu Heikkilä

3:40 PM

324 - Grasping Unknown Objects using Convolutional Neural Networks

Presenter: Pranav Krishna Prasad

280 - Detecting Control Flow Similarities using Machine Learning Techniques

Presenter: André Schäfer

281 - A Proposed Technology IoT based Ecosystem for Tackling the Marine Beach Litter Problem

Presenter: Stavros Ponis

3:50 PM

177 - RADAR: Fast Approximate Reverse Rank Queries

Presenter: Sourav Dutta

423 - Followers of School Shooting Online Communities in Russia: Age, Gender, Anonymity and Regulations

Presenter: Anastasia Peshkovskaya

166 - A Low Cost Visual Sensor for Gesture Recognition Via AI CNNs

Presenter: Neil Buckley

4:00 PM

314 - US Traffic Sign Recognition using CNNs

Presenter: Shannon Brown

320 - Machine Learning Algorithms for Preventing IoT Cybersecurity Attacks

Presenter: Steve Chesney

261 - Development of Web-based Management System and Dataset for Radiology-Common Data Model (R-CDM) and its Clinical Application in Liver Cirrhosis

Presenter: Seung Jin Kim

4:10 PM

258 - Analysis and Classification of Urinary Stones using Deep Learning Algorithm: A Clinical Application of Radiology-Common Data Model (R-CDM) Data Set

Presenter: SiHyeong Noh

330 - Key to Artificial Intelligence (AI)

Presenter: Bernhard Heiden, Bianca Tonino-Heiden

42 - Intelligent Monitoring using Hazard Identification Technique and Multi-Sensor Data Fusion for Crude Distillation Column

Presenter: Peter Omoarebun

4:20 PM

244 - Solving Jigsaw Puzzles using Variational Autoencoders

Presenter: Mostafa Ahmed Hassan Hussien

267 - Methodology of Displaying Surveillance Area of CCTV Camera on the Map for Immediate Response in Border Defense Military System

Presenter: Tae Woo Kim

295 - tanh Neurons are Bayesian Decision Makers

Presenter: Rafet Sifa

Session 8 - NLP

5:00 PM - 6:00 PM (UTC)

5:00 PM

86 - Disease Normalization with Graph Embeddings

Presenter: Camilo Thorne

87 - Spatial Sentiment and Perception Analysis of BBC News Articles using Twitter Posts Mining

Presenter: Farah Younas

27 - A Machine Learning Platform for NLP in Big Data

Presenter: Mauro Mazzei

5:10 PM

140 - A Comprehensive Methodology for Evaluating Conversation-based Interfaces to Relational Databases (C-BIRDs)

Presenter: Majdi Owda

116 - Human-Machine Interaction for Improved Cybersecurity Named Entity Recognition Considering Semantic Similarity

Presenter: Kazuaki Kashihara

442 - SNAD Arabic Dataset for Deep Learning

Presenter: Deem AlSaleh

5:20 PM

125 - Control Interface of an Automatic Continuous Speech Recognition System in Standard Arabic Language

Presenter: Brahim Fares Zaidi

61 - Understanding Troll Writing as a Linguistic Phenomenon

Presenter: Sergei Monakhov

416 - Food Classification for Inflammation Recognition through Ingredient Label Analysis: A Real NLP Case Study

Presenter: Stefano Campese

5:30 PM

225 - Recent News Recommender using Browser's History

Presenter: Samer Sawalha

198 - Emotion Detection Throughout the Speech

Presenter: Manuel Rodrigues

426 - Classification based Method for Disfluencies Detection in Spontaneous Spoken Tunisian Dialect

Presenter: Emna Boughariou

5:40 PM

468 - Quranic Topic Modelling using Paragraph Vectors

Presenter: Menwa Alshammeri

154 - A Deep Insight into Signature Verification using Deep Neural Network

Presenter: Munib Ahmad

318 - Language Revitalization: A Benchmark for Akan-to-English Machine Translation

Presenter: Kingsley Acheampong

5:50 PM

89 - Building a Wikipedia N-GRAM Corpus

Presenter: Kazem Taghva

235 - Document Similarity from Vector Space Densities

Presenter: Ilia Rushkin