

FRIDAY 5th of JUNE							
ROOM A		ROOM B		ROOM C			
9:30	Session 1 (9:45-12:10) Keynote Speech: Professor Leontios Chatjileontiadis : <i>Smartphone, Parkinson's and Depression: A new AI-based prognostic perspective</i> Plenary Lecture by Professor John Macintyre : <i>AI Applications during the COVID-19 Pandemic - A Double Edged Sword</i>						
10:00							
10:30							
11:30							
12:00							
12:30	EANN 2020 Session 2 (12:30 - 14:10) Paper #ID	AIAI 2020 Session 3 (12:30 - 14:10) Paper #ID	AIAI 2020 Session 4 (12:30 - 14:10) Paper #ID				
13:00	LSTM Neural Network for Fine-Granularity Estimation on Baseline Load of Fast Demand Response	17	HARNESSING SOCIAL INTERACTIONS ON TWITTER FOR SMART TRANSPORTATION USING MACHINE LEARNING	14	SDN-enabled IoT Anomaly Detection using Ensemble Learning	50	
	Leveraging Radar Features to Improve Point Clouds Segmentation with Neural Networks	4	Acoustic Resonance Testing of Glass IV Bottles	24	Bridging the Gap between AI and Healthcare Sides: Towards Developing Clinically Relevant AI-Powered Diagnosis Systems	56	
	Probabilistic estimation of evaporated water in cooling towers using a generative adversarial network	14	Knowledge-based fusion for image tampering localization	27	Arbitrary Scale Super-Resolution for Brain MRI Images	32	
13:30	Efficient Implementation of a Self-Sufficient Solar-Powered Real-Time Deep Learning-Based System	1	Robust 3D Detection in Traffic Scenario with Tracking-based Coupling System	59	Joint Multi-Object Detection and Segmentation from an Untrimmed Video	72	
14:00	λ -DNNs and their Implementation in Aerodynamic and Conjugate Heat Transfer Optimization	9	Task-Projected Hyperdimensional Computing for Multi-Task Learning	37	Chemical Laboratories 4.0: A Two-stage Machine Learning System for Predicting the Arrival of Samples	44	
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15:00							
15:30	AIAI 2020 Session 5 (15:15 - 17:15) Paper #ID	EANN 2020 Session 6 (15:15 - 17:15) Paper #ID	AIAI 2020 Session 7 (15:15 - 17:15) Paper #ID				
16:00	Threat Landscape of Next Generation IoT-enabled Smart Grids	108	Symbols in Engineering Drawings (SiED): An Imbalanced Dataset Benchmarked by Convolutional Neural Networks	20	An Overview of Chatbot Technology	7	
	Protocol Deployment for Employing Honey-pot-as-a-Service	109	Predicting Permeability Based On Core Analysis	25	On the Learnability of Concepts With Applications to Comparing Word Embedding Algorithms	20	
16:30	Intelligent orchestration of end-to-end network slices for the allocation of mission critical services over NFV architectures	116	Reconstructing Environmental Variables with Missing Field Data via End-to-End Machine Learning	38	Applying an Intelligent Personal Agent on a Smart Home using a Novel Dialogue Generator	29	
	Programmable edge-to-cloud virtualization for 5G media industry: The 5G-MEDIA Approach	113	Towards a digital twin with generative adversarial network modelling of machining vibration	42	Towards fashion recommendation: An AI system for clothing data retrieval and analysis	51	
	A new approach to 5G and MEC integration	112	Semantic Segmentation Based on Convolution Neural Network for Steel Strip Position Estimation	52	Exploring NLP and Information Extraction to jointly address Question Generation and Answering	96	
17:00	Business Aspects of the Neutral Host Model: The Immersive Video Services Case	125	Evaluating the Transferability of Personalised Exercise Recognition Models	58	Cross-domain Authorship Attribution Using Pre-trained Language Models	62	
17:30	AIAI 2020 Session 8 (17:30 - 19:15) Paper #ID	EANN 2020 Session 9 (17:30 - 19:15) Paper #ID	EANN 2020 Session 10 (17:30 - 19:15) Paper #ID				
18:00	Backward-Forward Sequence Generative Network for Multiple Lexical Constraints	66	A Comparative Study on Bayesian Optimization	36	Deep Learning-Based Computer Vision Application with Multiple Built-In Data Science-Oriented Capabilities	29	
	Regularized Evolution for Macro Neural Architecture Search	71	A Monetary Policy Strategy Based on Genetic Algorithms and Neural Networks	50	Towards a Reliable Face Recognition System	21	
18:30	Boosted Ensemble Learning for Anomaly Detection in 5G RAN	86	A Genetic Programming Method for Scale-Invariant Texture Classification	51	Semantic Segmentation of Vineyard Images Using Convolutional Neural Networks	35	
	Indoor Localization with Multi-Objective selection of Radiomap Models	92	Visual Movement Prediction for Stable Grasp Point Detection	26	Image Recoloring of Art Paintings for the Color Blind Guided by Semantic Segmentation	45	
19:00	Graph Neural Networks to Advance Anticancer Drug Design	26	Generalized entropy loss function in neural network: variable's importance and sensitivity analysis	6	Detection of Shocking Images As One-Class Classification Using Convolutional And Siamese Neural Networks	48	
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