

Seventh International Conference on Innovative Computing Technology (INTECH 2017)

University of Bedfordshire, Luton, UK

August 16-18, 2017

Programme

August 16, 2017

09:00-09:30	Registration
09:30-09:45	Opening Ceremony
09:45-10:00	Coffee Break
10:00-11:00	Keynote: Gerald Schaefer Loughborough University Title: Classifier ensembles for imbalanced classification
11:00-11:20	<i>Rujijan Vichivanives, Kittiya Poonsilp</i> Knowledge Sharing via Social Networking Site : a Case Study of Computer Project Community, Suan Sunandha Rajabhat University, Thailand
11:20-11:40	<i>Valeria Gorobets</i> Algorithm of work of Programmatic technology
11:40-12:00	<i>Taha Rassem, Nasrin Makbol, Abdul Rahman Alsewari</i> Texture Image Classification using Wavelet Completed Local Binary Pattern descriptor (WCLBP)
12:00-12:20	<i>Patrícia Araújo, María Mera, Iális Paula</i> Classification of cotton oil in the semi-refining process using image processing techniques
12:20-12:40	<i>Quang Thai Ngo, Layek Md. Abu, Eui-Nam Huh</i> A Hybrid Remote Display Scheme for Interactive Applications in Band-Limited Environment
12:40-14:00	LUNCH
14:00-14:20	<i>Mohamed H. AlMeer</i> FPGA Implementation of a Hardware XTEA Light Encryption Engine in Co-Design Computing systems
14:20-14:40	<i>Kittiya Poonsilp, Rujijan Vichivanives, Attakorn Poonsilp</i> Woven Fabric Data Retrieval Across Museums in Thailand using Knowledge Graph
14:40-15:00	<i>Jin Zhang, Xiaohui Zhu, Yong Yue, Prudence W.H. Wong</i> A Real-time Anomaly Detection Algorithm for Water Quality Data Using Dual Time-moving Windows
15:20-15:40	<i>Narek Abroyan</i> Convolutional and Recurrent Neural Networks for Real-time Data Classification

15:40-16:00	<i>Saeed Turabzadeh, Hongying Meng, Rafiq M. Swash, Matus Pleva, Jozef Juhar</i> Real-time Emotional State Detection from Facial Expression on Embedded Devices
16:00-16:20	COFFEE BREAK
16:20-16:40	<i>Khamis Alkarawi, Francis Li</i> Robust Speaker Verification in Reverberant Conditions Using Estimated Acoustic Parameters: A maximum likelihood estimation and training on the fly approach
16:40-17:00	<i>Saju Mohanan, Sunitha Cheriyan, Rajesh RK</i> Deploying smartAcademy: A cloud integrated methodology to develop smart IT graduates to meet the ICT enabled industrial needs in Middle East
17:00-17:20	<i>Rachid Khalis, Abdelali El Bouchti</i> Risk Management in Banks Using Deep Reinforcement Learning
17:20-17:40	<i>Kamel BOUZGOU, Benaoumeur IBARI, Zoubir AHMED-FOITIH</i> Dynamic Modeling, Simulation and PID controller of Unmanned Aerial Vehicle UAV
17:40-18:00	<i>Sriram Polavakalipalayam Ramakrishnan, Rahul Bhaskaran</i> A Compact Semi-Circular Patch Diversity Antenna for Wireless Portable Devices

August 17, 2017

08:00-09:00	Registration
09:40-10:00	<i>Lindita Nebiu Hyseni</i> An integrated framework of conceptual modeling for performance improvement of the information systems
10:00-10:20	Coffee Break
10:20-10:40	<i>Thongchai Kaewkiriya</i> Framework for Prediction of Life Insurance Customer Based on Multi Algorithm
10:40-11:00	<i>Vindula Jayawardana, Dimuthu Lakmal, Nisansa de Silva, Shehan Perera, Keet Sugathadasa, Buddhi Ayesha</i> Deriving a Representative Vector for Ontology Classes with Instance Word Vector Embeddings
11:00-11:20	<i>Piril Tekin, Rizvan Erol</i> A New Hybrid Model for Dynamic Pricing Strategies of Perishable Products
11:20-11:40	<i>Olfat Mirza, Mike Joy, Georgina Cosma</i> Suitability of BlackBox Dataset for Style Analysis in Detection of Source Code Plagiarism

11:40-12:00	<i>Tessy Badriyah, Erry Tri Wijayanto, Iwan Syarif, Prima Kristalina</i> A Hybrid Recommendation System for E-Commerce based on Product Description and User Profile
12:00-12:20	<i>Tuğçe DEMİRDELEN, Emel BAKMAZ, Mehmet TUMAY</i> A Fuzzy Neural Network Approach to Estimate PMSG based and DFIG based Wind Turbines' Power Generation
12:20-14:00	<i>ElshrifElmurngi, Abdelouahed Gherbi</i> An Empirical Study on Detecting Fake Reviews Using Machine Learning Techniques
12:40-14:00	LUNCH
14:00-14:20	<i>Amro Alasta, Abdulrazag Algamudi, Rami Qahwaji Qahwaji, Stan ISpan, Tarek A. Nagem</i> Automatic Sunspots Detection on SODISM Solar Images
14:20-14:40	<i>Lakmal Meegahapola, Roshan Alwis, Eranga Nimalarathna, Vijini Mallawaarachchi, Dulani Meedeniya, Sampath Jayarathna</i> Adaptive Technique for Web Page Change Detection using Multi-threaded Crawlers
14:40-15:00	<i>Firat Ekinci, Tugce DEMİRDELEN, Mehmet Bilgili</i> Modelling of Wind Turbine Power Output by Using ANNs and ANFIS Techniques
15:20-15:40	<i>Sheau-ru Tong, Cheng-Han Yang</i> Improvement of Data Sharing Efficacy of P2P Streaming Mobile Networks for News-Broadcast-On-Demand Services
15:40-16:00	<i>Nataly Ilyasova, Rustam Paringer, Alexandr Kupriyanov, Dmitriy Kirsh</i> Intelligent feature selection technique for segmentation of fundus images
16:00-16:20	COFEE BREAK
16:20-16:40	<i>Babatope S. Ayo</i> Adverse weather avoidance considering flight level changes
16:40-17:00	<i>Omar Eldwaik, Francis F Li</i> Mitigating Wind Noise in Outdoor Microphone Signals using a Singular Spectral Subspace Method
17:00-17:20	<i>Halimatu Sadiyah Abdullahi, Ray Sheriff, Fatima Mahieddine</i> Convolution Neural Network in Precision Agriculture for Plant Image Recognition and Classification
17:20-17:40	<i>Takumi Fujimori, Minoru Watanabe</i> Asynchronous optical bus for optical VLSIs

18:30-20:00 Conference Banquet