CONFERENCE AGENDA

DAY 1 (18 JULY)

8:00 am - 9:00 am	Delegates Check-in
9:00 am - 9:30 am	Official Opening
9:30 am - 11:00 am	**MORNING PLENARY** Irina Rish, IBM Volker Markl, TU Berlin
11:00 am - 12:00 pm	**POSTER PRESENTATIONS**
12:00 pm - 1:00 pm	Lunch (Restaurant)
1:00 pm - 3:00 pm	**PAPER PRESENTATIONS** Session 1: Artificial Intelligence Session 2: Neural Networks Session 3: Human Computer Interaction Session 4: Ambient Intelligence
3:00 pm - 3:30 pm	Networking Break
3:30 pm - 5:30 pm	**PAPER PRESENTATIONS** Session 5: Artificial Intelligence Session 6: Neural Networks Session 7: Computer Vision Session 8: Ambient Intelligence
6:00 pm - 10:00 pm	**EVENING LONDON TOUR** (Details below, Dinner/ Meals are not included)

DAY 2 (19 JULY)

8:30 am	Delegates Arrive
9:00 am - 10:30 am	**MORNING PLENARY** Siobhán Clarke, Trinity College Dublin Nikola Serbedzija, Fraunhofer FOKUS
10:30 am - 12:00 pm	**PAPER PRESENTATIONS** Session 9: Artificial Intelligence Session 10: Data Mining & Analysis Session 11: e-Learning Session 12: High Performance Computing
12:00 pm - 1:00 pm	Lunch (Restaurant)
1:00 pm - 3:00 pm	Project Demonstrations Session 13: Data Mining & Analysis Session 14: e-Learning
3:00 pm - 3:30 pm	Networking Break
3:30 pm - 5:30 pm	**PAPER PRESENTATIONS** Session 15: Artificial Intelligence Session 16: Data Mining & Analysis Session 17: e-Learning Session 18: Mobile Applications

DAY 3 (20 JULY)

8:30 am	Delegates Arrive
9:00 am - 10:30 am	**MORNING PLENARY** Keith Stenning, University of Edinburgh Saeid Nahavandi, Deakin University
10:30 am - 12:00 pm	**PAPER PRESENTATIONS** Session 19: Image Processing Session 20: Social Computing Session 21: Cloud Computing
12:00 pm - 1:00 pm	Lunch (Restaurant)
1:00 pm - 3:00 pm	**PAPER PRESENTATIONS** Session 22: Software Engineering Session 23: Security Session 24: Technology Applications Session 25: Communication Systems
3:00 pm - 3:30 pm	Networking Break
3:30 pm - 5:30 pm	**PAPER PRESENTATIONS** Session 26: Electronics Session 27: Security Session 28: Technology Applications Session 29: Communication Systems
5:30 pm - 6:00 pm	Conference Closing

EVENING LONDON TOUR ON 18TH JULY!
- 6:00 pm - 8:00 pm: Panoramic tour seeing Royal Albert Hall, Natural History Museum, Harrods, Hyde Park Corner, Big Ben and the Houses of Parliament, Whitehall, Trafalgar Sq, The Strand
- 8:00 pm - 10:00 pm: Stopover at Covent Garden (has nice dinner options/ cuisines - delegates to pay on their own)
- 10 pm: Disembark and Transfer back to the conference venue

18 JULY (11:00 am - 12:00 pm)

POSTER PRESENTATIONS

Session Chair: Liming Chen

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81 - Comparison of Two Approaches to Breast Deformation Modelling based on a Biomechanical Model (Presenter: Andrzej Swierniak, Poland)

329 - Use of Continuum Robots for Remote Inspection Operations (Presenter: Ian Walker, United States)

478 - Two Simple and Effective Ensemble Classifiers for Twitter Sentiment Analysis (Presenter: Hui Yang, United States)

242 - Functional Data Analysis of Daily Curves in Traffic (Presenter: Shu Nung Yao, Taiwan)

469 - Scattering of Positron by Lithium Atom with Exchange of Electron (Presenter: Aleksandr Evstafev, Russia)

378 - Learning from Neighbours for Saliency Optimization (Presenter: Wenqi Lin, Yuzhen Niu, China)

535 - Dental Information Along Curved Slices (Presenter: Marco Paluszny, Colombia)

228 - Implementation of the Real-Time Histogram Function for X-Ray Image on the GPU (Presenter: Yonghee Lee, South Korea)

74 - Plane Transformation Algorithm for a Robot Self-Detection (Presenter: Milena Karova, Bulgaria)

317 - Auto Defect Detection of A-IGZO Thin Film Transistor Backplane on Foldable Medical Array Panel Application (Presenter: Bor-Shyh Lin, Taiwan)

210 - What Training are Primary Teachers Receiving to Implement the New Computing Curriculum and are they Prepared to Succeed? (Presenter: Anna Greaves, Ireland)

248 - A Blockchain based Peer-to-Peer Framework for Exchanging Leftover Foreign Currency (Presenter: Rituparna Bhattacharya, United Kingdom)

530 - A Geometrical Approach to Build a Locally Structured Orthogonal Grid (Presenter: Marianela Lentini, Colombia)

24 - Key Input Method for Handicapped People (Presenter: Manabu Okamoto, Mayu Kuroda, Chinaho Inoue, Maya Matsuura, Japan)

18 JULY (1:00 pm - 3:00 pm)

PAPER PRESENTATIONS

Session 1: Artificial Intelligence Session Chair: Ian Walker (Christie)	Session 2: Neural Networks Session Chair: Yanguo Jing (Jackson)	Session 3: Human Computer Interaction Session Chair: Howard Dittmer (Kensington)	Session 4: Ambient Intelligence Session Chair: Liming Chen (Chelsea)
218 - Semantic Preserving Embeddings for Multi-Relational Graphs (Presenter: Pedro Almagro, Ecuador)	398 - Adaptive Image Downsampling Preprocessor for Artificial Neural Networks (Presenter: Keith Greenhow, United Kingdom)	77 - Multimedia Educational Software in the Visual Stimulation of Children with Cerebral Palsy (presenter: Raul Lozada Yanez, Ecuador)	503 - Bio-Inspired Multi-Agent Search Algorithms for Locating and Sampling Environment Threats (Presenter: Scott Koziol, United States)
277 - Developing a Hierarchical Fuzzy Rule-based Model with Weighted Linguistic Rules: A Case Study of Water Pipes Condition Prediction (Presenter: Nasser Amaitik, England)	50 - Predicting Terminal Ballistics using an Iterative Application of an Artificial Neural Network (Presenter: Robert Hammell, United States)	37 - Carpal Tunnel Syndrome Micro-Mis Management (Presenter: Stella Rostkowski, United States)	203 - Differential Explanations for Energy Management in Buildings (Presenter: Amr Alzouhri Alyafi, France)
389 - Structural Effects in Algorithm Performance: A Framework and a Case Study on Graph Coloring (Presenter: Tania Turrubiates Lopez, México)	216 - The Step Size Impact on the Computational Cost of Spiking Neuron Simulation (Presenter: Sergio Valadez Godinez, Mexico)	180 - Usability Analysis on Dubai E-Government Portal using Eye Tracking Methodology (Presenter: Emad Bataineh, United Arabe Emirates)	387 - Creating an Ambient Intelligence Network using Insight and Merged Reality Technologies (Presenter: Ralph Moseley, United Kingdom)
80 - Motion Frequency Data Analysis for Sports Skill (Presenter: Toshiyuki Maeda, Japan)	385 - Neural Lab a Simulator for Artificial Neural Networks (Presenter: Sergio Ledesma, Mexico)	201 - Swiping Up/Down for Mobile Gallery Navigation: The Role of Instruction Design Type (Presenter: Ales Hladnik, Slovenia)	262 - SLASH: Self-Learning and Adaptive Smart Home Framework by Integrating IoT with Big Data Analytics (Presenter: Mohamed Sultan, United Kingdom)
139 - How to Enrich Description Logics with Fuzziness (Presenter: Martin Unold, Germany)	349 - Deep Learning Teachology for the Prediction of Solar Flares from GOES Data (Presenter: Tarek Hamad Nagem, United Kingdom)	244 - A Method for Multimedia User Interface Design for Mobile Learning (Presenter: Shimaa Nagro, United Kingdom)	474 - Smart Grid Critical Information Infrasructure Protection through Multi-Agency (Presenter: Sheu Mavee, South Africa)
166 - Predicting Response Waiting Time in a Chat Room (Presenter: Gibson Ikoro, United Kingdom)	104 - Vehicle Detection and Tracking using Corner Feature Points and Artificial Neural Networks for a Vision-based Contactless Apprehension System (Presenter: Elmer Dadios, Philippines)	245 - Spiral, A New Interaction Technique for 3DOF with Only One Finger: Concepts and Preliminary Tests (Presenter: David Bertolo, France)	274 - A Study on Energy Strategy of a Plant Factory using Sustainable Energy Combined with Computational Fluid Dynamics Simulation (Presenter: Yuanjen Chang, Taiwan, R.O.C.)
48 - Shortest Path Problem under Trapezoidal Neutrosophic Information (Presenter: Said Broumi, Morocco)	165 - GWVT: A GPU Maritime Vessel Tracker based on the WiSARD Weightless Neural Network (Presenter: Nelson Ebecken, Brazil)	468 - Usability Evaluation of Ontology Engineering Tools (Presenter: Zeeshan Haider Malik, Pakistan)	465 - An Actor-based Bluetooth Agent for Smart Embedded Systems Modeling (Presenter: Mohamed Feredj, Algeria)

18 JULY (3:30 pm - 5:30 pm)

PAPER PRESENTATIONS

Session 5: Artificial Intelligence Session Chair: Ian Walker (Christie)	Session 6: Neural Networks Session Chair: Robert Hammell (Jackson)	Session 7: Computer Vision Session Chair: Yanguo Jing (Kensington)	Session 8: Ambient Intelligence Session Chair: Kohei Arai (Chelsea)
87 - A New Hybrid Particle Swarm Optimization Algorithm for Real-World University Examination Timetabling Problem (Presenter: Souad Larabi, Saudi Arabia)	504 - Bio-Inspired Neuromorphic Visual Processing with Neural Networks for Cyclist Detection in Vehicle's Blind Spot and Segmentation in Medical CT Images (presenter: Il Song Han, South Korea)	221 - Adaptive Intensity Transformation for Preserving and Recovering Details in Low Light Images (Presenter: Gabriel Zahi, United Kingdom)	170 - Challenges in Developing a Generic Monitoring Framework for Pan European Energy Usage and Environmental Monitoring (Presenter: David While, United Kingdom)
100 - A Vehicle Routing Heuristic - Derived from altered problem constraints (Presenter: Christopher Robinson, United States)	156 - Towards the Neural Modelling of Mental Spaces (Presenter: Eduardo Mizraji, Uruguay)	357 - Towards Light Transport Matrix Processing for Transparent Object Inspection (Presenter: Johannes Meyer, Germany)	206 - Deep Immersion with Kasina - An exploration of Meditation and Concentration within Virtual Reality Environments (Presenter: Ralph Moseley, United Kingdom)
395 - Cognitive Artificial Intelligence: Brain-Inspired Intelligent Computation in Artificial Intelligence (Presenter: Adang Suwandi Ahmad, Indonesia)	54 - Ultra High Frequency Sigmoid and Cosine Artificial Higher Order Neural Networks (Presenter: Ming Zhang, United States)	265 - Anomaly Detection in Dynamic Programming Languages Through Heuristics based Type Inference (Presenter: Howard Dittmer, United States)	207 - Using Virtual Reality to Reduce Stress at Work (Presenter: Krsna Thoondee, United Kingdom)
417 - Intelligent Firefly Optimization System (Presenter: Tawfeeq Alkanhal, Saudi Arabia)	93 - Solving the Linearly Inseparable XOR Problem with Spiking Neural Networks (Presenter: Mirela Reljan Delaney, United Kingdom)	475 - Graph Similarity Algorithm Evaluation (Presenter: George Anderson, Botswana)	191 - Towards a Smart Intersection using Traffic Load Balancing Algorithm (Presenter: Raid Zaghal, Palestine)
377 - A PSO/HS based Algorithm for Optimization Tasks (Presenter: Ezgi Ulker, Turkey)	471 - Clustering the Imbalanced Datasets using Modified Kohonen Self-Organizing Map (KSOM) (Presenter: Rubiyah Yusof, Malaysia)	488 - Autonomous Indoor Passageway Finding using 3D Scene Reconstruction with Stereo Vision (Presenter: FUYUEN HSIAO, Taiwan)	264 - Monitoring Bridges Health using Smart Sensor Technology (Presenter: Mohamed Elhakeem, United Arab Emirates)
401 - Solving Non-Convex Economic Dispatch Problem using Computational Intelligence Technique (Presenter: Ismail Musirin, Malaysia)	540 - Body Activity Recognition using Wearable Sensors (Presenter: Long Cheng, United States)	64 - Automatic Modulation Classification using Principle Composition Analysis based Features Selection (Presenter: Afan Ali, China)	225 - Smart Traffic Light Control using Fuzzy Logic and Wireless Sensor Network (Presenter: Roxanne Hawi, Kenya)
438 - Language Model Reduction using PCA Approach and Tackling Sparcity using Document-Weighted Smoothing (Presenter: Gend Lal Prajapati, India)		497 - An Audio Indexing and Retrieval Approach using a Video Surveillance Ontology (Presenter: Mohammed Yassine Kazi Tani, Algeria)	177 - Real Time Sensor Grid based Secured Health Care Monitoring (Presenter: Goldie Gabrani, India)
		397 - Design and Implementation of a Fuzzy Logic-based Joint Controller on a 6-DOF Robot Arm with Machine Vision Feedback (Presenter: Alexander Abad, Dino Dominic Ligutan, Jho Nathan Singh Kudhal, Michael Carlo Del Rosario, Levin Jaeron Cruz, Philippines)	

19 JULY (10:30 am - 12:00 pm)

PAPER PRESENTATIONS

Session 9: Artificial Intelligence Session Chair: Robert Hammell (Christie)	Session 10: Data Mining & Analysis Session Chair: Kazem Taghva (Jackson)	Session 11: e-Learning Session Chair: Amanda Peart (Kensington)	Session 12: High Performance Computing Session Chair: Kohei Arai (Chelsea)
227 - Choosing Chunk Trees in the Task of Multi-Objective Optimization (Presenter: Ivan Anisimov, Russian Federation)	39 - Control of Stochastic Systems Involving Non Gaussian Statistics (Presenter: Randa Herzallah, United Kingdom)	480 - Predictive Analytics for Learning and Usage of the Plant Sciences E-Library (Presenter: Gwen Nugent, United States)	239 - A Survey of Recent Contributions on Low Power NoC Architectures (Presenter: Emmanuel Ofori-Attah, United Kingdom)
452 - Computation Mechanism for Situated Sentient Robot (Presenter: Tomislav Stipancic, Japan)	68 - Dynamic Time Warping and FFT: A Data Preprocessing Method for Electrical Load Forecasting (Presenter: Juan Huo, China)	436- E-Learning Paradigms - A model to address known issues (Presenter: Matthew Montebello, Malta)	143 - Fast Algorithm Synthesis for Arbitrary Linear Transforms (Presenter: Paul Dourbal, United States)
223 - Robot Manipulation of 3D Cylindrical Objects with a Robot-Mounted 2D Vision Camera (Presenter: Shaopeng Cheng, United States)	261 - Bull Bear Balance: A Cluster Analysis of Socially Informed Financial Volatility (Presenter: Jonathan Manfield, United Kingdom)	181 - Visualization of Health Behavior Data for Children and Young Adults (Presenter: Ruijie Wang, United Kingdom)	224 - Parallelizing Knowledge Mining in a Cognitive Agent for Autonomous Decision Making (Presenter: Tarek Taha, United States)
359 - Employing Machine Learning Techniques for Detection and Classification of Phishing Emails (Presenter: Naghmeh Moradpoor, United Kingdom)	358 - A Comparative Analysis of Different Classification Techniques for Cloud Intrusion Detection Systems' Alerts and Fuzzy Classifiers (Presenter: Saeed Alqahtani, United Kingdom)	492 - Measuring the Usability Probability of Learning Management Software using Logistic Regression Model (Presenter: Ezekiel Okike, Botswana)	219 - Assessing and Improving the Performance and Scalability of an Iterative Algorithm for Hadoop (Presenter: Daniel Capanema, Brazil)
463 - Automatic Beachline Recognition by Image Processing (Presenter: Jung-Hua Chou, Taiwan)	489 - Emotion and Polarity Prediction from Twitter (Presenter: Rebeen Hamad, United Kingdom)	451 - M Learning Apps for Digital India (Presenter: Dhananjay Joshi, India)	441 - High Performance CUDA AES Implementation: A Quantitative Performance Analysis Approach (Presenter: Ahmed Mousa, Egypt)

19 JULY (1:00 pm - 3:00 pm)

Session 13: Data Mining & Analysis Session Chair: Randa Herzallah (Christie)	Session 14: e-Learning Session Chair: Amanda Peart (Jackson)	Project Demonstrations Session Chair: Helena Mitchell (Kensington)
464 - Cancer Survivability with Logistic Regression (Presenter: Kazem Taghva, Mandana Bozorgi, United States) 185 - Data Integration for Incidents Analysis in Manufacturing Infrastructure (Presenter: Michal Kebisek, Slovakia) 411 - An Approach to Value Creation in Open Data for Small and Medium-Sized Enterprises using "R" Ecosystem (Presenter: Joao Pedro Albino, Brazil) 433 - Fast Processing of Join Queries with Instant Response (Presenter: Mohammed Hamdi, United States) 368 - TV Webpage Network Analysis: Focused on the Analysis of ABC, BBC, NHK, and KBS' Hyperlink Structures (Presenter: Se Jin Kim, South Korea) 188 - An Efficient Method for Clustering of Periodic Patterns (Presenter: Mohammed Alzahrani, Saudi Arabia) 194 - A Parallel Evolutionary Extreme Learning Machine Scheme for Electrical Load Prediction (Presenter: Yuzhong Chen, Peikun Chen, China)	259 - Design and Develop Hands on Cyber-Security Curriculum and Laboratory (Presenter: dongqing yuan, United States) 205 - Recommendation of Semi-Automated Approach of Decision Tree Diagram (Presenter: Warda Al-Hoqani, United Kingdom) 212 - Automated System for Matching PCGE Students to their Appropriate Engineering School Pathway (Presenter: Mohammed Abdellah Alimam, Hamid Seghiouer, Morocco) 186 - Success/Failure Prediction in Learning-Oriented Social Networks (Presenter: Maria Estrella Sousa Vieira, Spain) 409 - Application of Machine Learning to Curriculum Design Analysis (Presenter: Randhir Rawatlal, South Africa) 173 - An Entrepreneurial Narrative Media-Model Framework to Knowledge Building and Open Co-Design (Presenter: Chien Sing Lee, Malaysia)	501 - SDVisu: A Tool for Clustering-based Visual Exploration of Static Dependencies (Presenter: Sandeep Reddivari, United States) 279 - SKiN - Designing Pseudo-Physiology into Personal Technology Devices to Create Enhanced Interactions through Visceral Signifiers and Behaviours (Presenter: Andrew O'Dowd, United Kingdom) 231 - Eyrie Smart Home Automation using Internet of Things (Presenter: Kumkum Garg, India)

19 JULY (3:30 pm - 5:30 pm)

PAPER PRESENTATIONS

Session 15: Artificial Intelligence Session Chair: Robert Hammell (Christie)	Session 16: Data Mining & Analysis Session Chair: Randa Herzallah (Jackson)	Session 17: e-Learning Session Chair: Amanda Peart (Kensington)	Session 18: Mobile Applications Session Chair: Yanguo Jing (Chelsea)
500 - Towards the Development of a Statistical Parser of Arabic Language (Presenter: Youssef Zaki, France)	449 - Weighted Matrix Factorization with Bayesian Personalized Ranking (Presenter: Haiyang zhang, Ireland)	204 - Difficulties of Marking Decision Tree Diagrams (Presenter: Warda Al-Hoqani, United Kingdom)	495 - Mobile Augmented Reality on Electric Circuits (Presenter: Carlos Aviles Cruz, Mexico)
65 - Intelligent Systems and Inflammatory Bowel Disease: Exploring the Potential for Outpatient Support (Presenter: Nader AlShamma, United Kingdom)	83 - Predictive and Evolutive Cross-Referencing for Web Textual Sources (Presenter: Thomas Hassan, France)	426 - Intelligent Agents, Voice and Facial Recognition Applied in Videogames in order to Stimulate Cognitive Development of Children – A Case Study of Tictactoe in 3D (Presenter: Walter Fuertes, Ecuador)	195 - An Experimental Evaluation of Agent-based Indoor Localization (Presenter: Stefania Monica, Italy)
17 - A Cost-Effective Decision Making Algorithm for an RFID-Enabled Passport Tracking System: A Fuzzy Multi-Objective Approach (Presenter: Abdulsalam Dukyil, United Kingdom)	423 - A Comprehensive Study of Eleven Feature Selection Algorithms and their Impact on Text Classification (Presenter: Hui Yang, United States)	453 - The Need for a Paradigm Shift in CSCL Tools (Presenter: Doaa Shawky, Egypt)	366 - Spatiotemporal Modeling of a Pervasive Game (Presenter: Kim Nevelsteen, Sweden)
527 - A Belief Rule based Expert System to Diagnose Dengue Fever under Uncertainty (Presenter: Karl Andersson, Sweden)	477 - A Multifaceted Data Mining Approach to Understanding what Factors Lead College Students to Persist and Graduate (Presenter: Hui Yang, United States)	318 - Universal Design for Learning (UDL) Applied to T-Learning (Presenter: Harry Puerta Monsalve, Colombia)	209 - The Automation of Electromechanical Lift for Disabled People with Control from a Mobile Device (Presenter: Sergei Ivanov, Russia)
506 - Using Latent Semantic Analyses and Propositionalist Methods in Text Comprehension (Presenter: Jordi Majà, Spain)	434 - Using Hybrid Approach in Telecommunication Churn Prediction for Classification and Behavioral Analysis (Presenter: Naveed Anwer Butt, Pakistan)	330 - An Emotionally Intelligent Tutoring System (Presenter: Catherine Stringfellow, United States)	263 - Approaches to Mobile Application Development: Comparative Performance Analysis (Presenter: Pablo Thomas, Argentina)
71 - Optimizing Software Project Management Staffing and Work-Force Deployment Processes using Swarm Intelligence (Presenter: Mazhar Hameed, Pakistan)	459 - Lazy Learner and PCA: An Evolutionary Approach (Presenter: Gend Lal Prajapati, India)	352 - Using of ICT in E-Learning - Development of the Virtual Learning Environment for Physics Study (Presenter: Madina Ipalakova, Kazakhstan)	350 - A Machine Learning based Approach to Mobile Cloud Offloading (Presenter: John Prevost, United States)
466 - Surveying Various Genetic Programming (GP) Approaches to Forecast Real-Time Trends & Prices in the Stock Market (Presenter: Khalid Sayed, Kshitij Patil, Navin Mutha, India)	462 - High Dimensional Nearest Neighbor Search Considering Outliers based on Fuzzy Membership (Presenter: Gend Lal Prajapati, India)	407 - A Case Study to Investigate Students' Readiness, To Use M-Learning in Saudi Arabia (Presenter: Ali Alowayr, Saudi Arabia)	454 - Design and Implementation of Mobile Cloud Tourism Application (Presenter: Nora Alnashwan, Saudi Arabia)
	491 - Tolerant Similarity Search in Graph Database (Presenter: Parag Deshpande, India)	526 - Intervention-based Method for Improving Learning and Critical Thinking (Presenter: Hisham Al Mubaid, United States)	

20 JULY (10:30 am - 12:00 pm)

PAPER PRESENTATIONS

Session 19: Image Processing Session Chair: Liming Chen (Christie)	Session 20: Social Computing Session Chair: Randa Herzallah (Kensington)	Session 21: Cloud Computing Session Chair: Helena Mitchell (Chelsea)
105 - A Novel Approach to Analyze Impact Damage in Composite Structures using Optical Flow Cross Correlation with Neural Networks (N-OFCC) (Presenter: Mahmoud Iskandarani, Jordan) 154 - An Overview of Automated Glaucoma Detection (Presenter: Tehmina Khalil, Pakistan) 351 - Medical Image Enhancement based on Statistical Distributions in Fractional Calculus (Presenter: Hamid Abdulla Jalab Altulea, Malaysia) 72 - Interview based Iterative Requirement Elicitation for ARMD Detection in OCT Images (Presenter: Samina Khalid, Pakistan) 516 - Accurate Detection of Human Face Position in the Environmental Images using Gabor Wavelet Transformations (Presenter: Vahid Ghods, Iran)	494 - Layer by Layer: A Multidimensional Approach to Online Social Profiles (Presenter: Ricardo Barbosa, Portugal) 176 - Context-based Framework for Sentiment Analysis (Presenter: Azlinah Mohamed, Malaysia) 430 - Hybrid Approach Framework for Sentiment Classification on Microblogging (Presenter: Korawit Orkphol, China) 44 - Sentiment Analysis of Modern Standard Arabic and Egyptian Dialectal Arabic Tweets (Presenter: Nadine El Naggar, Egypt) 460 - Spread of Misinformation Online: Simulation Impact of Social Media Newsgroups (Presenter: Pardis Pourghomi, Kuwait)	266 - Socio-Political Perspectives on Surveillance and Censorship: Implications for On-line Privacy in the Age of Cloud Computing (Presenter: Nada Laftah Salman Al-Mhabis, United Kingdom) 456 - An Extended Task Management to Improve QoS of Cloud Computing Services in NUMA Systems (Presenter: Junghi Min, South Korea) 394 - Privacy of Cloud Data using a Secure SSO Architecture (Presenter: Mohammad Karim Sohrabi, Iran) 470 - Comparison of the Cloud Computing Platforms Provided by Amazon and Google (Presenter: Aferdita Ibrahimi, Lindita Nebiu Hyseni, Kosovo) 11 - Modified Division and Replication of Data in the Cloud Computing Environment for Optimal Performance and Security (MDROPS) (Presenter: Vahid Ahmadi, Iran)

20 JULY (1:00 pm - 3:00 pm)

PAPER PRESENTATIONS

Session 22: Software Engineering Session Chair: Amanda Peart (Christie)	Session 23: Security Session Chair: Ahmad Ghafarian (Jackson)	Session 24: Technology Applications Session Chair: Helena Mitchell (Kensington)	Session 25: Communication Systems Session Chair: Yang Li (Chelsea)
187 - Magnitude Economic Effects of Requirements in the Development Process (Presenter: David Kuhlen, Germany)	273 - Federated Protocol for Biometric Authentication and Access Control (Presenter: William Nick, United States)	202 - Entropy as a Lens into LDA Model Understanding (Presenter: Dave Binkley, United States)	14 - Integrated Forecasting & Planning for Strategic & Operational Telecom Field Service Delivery (Presenter: Yang Li, United Kingdom)
372 - Predicting Fork Visibility Performance on Programming Language Interoperability in Open Source Projects (Presenter: beebee chua, Australia)	268 - Killing the Password, Part 1: An Exploratory Analysis of Walking Signatures (Presenter: William Hutton, United States)	213 - Virtual Machine Placement using Pre-Fetching Data Transfer (Presenter: Yasser Alharbi, United Kingdom)	370 - Drawbacks of Inter-Asterisk Exchange Protocol in V.VoIP (Presenter: Ali Al-Sherbaz, United Kingdom)
360 - Effective Quantitative Business Software Selection (Presenter: Malcolm Ferrier, Canada)	52 - One-Time-Commutative Public Key Encryption (Presenter: Kaibin Huang, Taiwan)	446 - Topology-Aware Indexing System for Urban Knowledge (Presenter: Claudio Schifanella, Italy)	482 - Packet Reorder Delayed Response Method for Multipath Transmission (Presenter: Amani Alheid, United Kingdom)
461 - The Computational Model for Environment Quality Measurement (Presenter: Aziz Deraman, Malaysia)	348 - Making Defeating CAPTCHAs Harder for Bots (Presenter: Nasser Al Fannah, United Kingdom)	121 - Development of Rehabilitation System (RehabGame) through Monte-Carlo Tree Search Algorithm using Kinect and Myo Sensor Interface (Presenter: Shabnam Sadeghi Esfahlani, United Kingdom)	58 - An Enhanced Bayesian-based Reputation System for P2P File Sharing (Presenter: Nourah Fahad Janbi, Saudi Arabia)
484 - Monitoring Risks in Large Software Development Programs (Presenter: Vard Antinyan, Sweden)	502 - A Graph Matching Algorithm for User Authentication in Data Networks using Image-based Physical Unclonable Functions (Presenter: Bertrand Cambou, United States)	53 - Effects of IFRS on Canadian Cooperatives – Kohonen's Self-Organizing Maps (Presenter: Manchuna Shanmuganathan, Canada)	76 - Simulation and Analysis of VANETS Performances based on the Choice of Mobility Model (Presenter: fairouz benabdallah, Algeria)
515 - On the Association between Code Cloning and Fault-Proneness: An Empirical Investigation (Presenter: Mahmoud Elish, Kuwait)	56 - A XOR Data Compiler - Combined with Physical Unclonable Function for True Random Number Generation (Presenter: Bertrand Cambou, United States)	99 - E-Discovery as a Mean to Improve Information Security (Presenter: Michel Nogueira, Brazil)	95 - Performance Evaluation of Web-based Applications and VOIP in Protected Dynamic and Multipoint VPN (Presenter: Najib El Kamoun, Morocco)
524 - Software Requirement Workshops and Outcomes (Presenter: Pattama Longani, Thailand)	521 - RCR for Preventing Stack Smashing Attacks Bypass Stack Canaries (Presenter: Omar Batarfi, Saudi Arabia)	413 - Classification Techniques for Automatic Speech Recognition (ASR) Algorithms used with Real Time Speech Translation (Presenter: Hebah H. O. Nasereddin, Jordan)	260 - QoS and QoE for Mobile Video Service over 4G LTE Network (Presenter: Skoudarli Abdellah, Algeria)

20 JULY (3:30 pm - 5:30 pm)

PAPER PRESENTATIONS

Session 26: Electronics Session Chair: Kohei Arai (Christie)	Session 27: Security Session Chair: Bertrand Cambou (Jackson)	Session 28: Technology Applications Session Chair: Amanda Peart (Kensington)	Session 29: Communication Systems Session Chair: Yang Li (Chelsea)
246 - Analysis of Quality Measurements to Categorize Anomalies in Sensor Systems (Presenter: Pedro Merino Laso, France) 238 - Smart Glove for Visually Impaired (Presenter: Thae Linn, United Kingdom) 226 - Smart Grid Serialization Comparision (Presenter: Bo Petersen, Denmark) 182 - Application of Computational Intelligence Techniques for Optimization of Solder Volume in PCB Assembly (Presenter: Chao Ton Su, Chen Li Fei, Taiwan) 183 - Robust Pole Placement by State-PI Feedback Control for Interval Plants (Presenter: Witchupong Wiboonjaroen, Thailand) 422 - The Mathematical Analysis and Modeling Simulation of Complex Sympathetic Inrush for Transformers (Presenter: Wenbin Cao, China) 41 - Impact of Structural Geometry on Quantum Capacitance and Threshold Voltage of Surrounding Gate Junction Less Nanowire Field Effect Transistor (Presenter: Quazi Deen Mohd Khosru, Bangladesh)	410 - Cyber Security Paradox from a User's View Point (Presenter: Sandra Kopecky, United States) 174 - Correlation Characterization of Photoplethysmogram Signals of Pulsation (Presenter: Yasuhisa Omura, Japan) 38 - Why is Deep Random Suitable for Cryptology (Presenter: Thibault de Valroger, France) 258 - A Hybrid Method for Detection and Prevention of SQL Injection Attacks (Presenter: Ahmad Ghafarian, United States) 444 - Fuzzing the Linux Kernel (Presenter: Costin Carabas, Romania) 447 - Information Security Behavior: Recognizing the Influencers (Presenter: Manal Alohali, United Kingdom) 73 - Mining Malware Command and Control Traces (Presenter: Peter McLaren, United Kingdom)	267 - Service Scheduling to Minimise the Risk of Missing Appointments (Presenter: Raphael Dorne, Chenlu Ji, Anne Liret, France) 249 - Building Intelligent Organizations: Introducing a Knowledge Capital Transformation Framework (Presenter: Fawzi Benmessaoud, United States) 26 - Policy Conflict: Information and Communication Technology Application in Healthcare Delivery (Presenter: Barilee Baridam, United Kingdom) 298 - A Synthetic Approach to Value as a Standard of Reference (Presenter: William Saade, United States) 418 - Decision Making Approach using Ontologies: Application on Sacred Texts (Presenter: Fairouz Bendjamaa, Algeria) 251 - A Novel Hybridized Grey Wolf Optimzation for a Cost Optimal Design of Water Distribution Network (Presenter: S Sankaranarayanan, India) 270 - Review of Legal Philosophical Approach to Digital Copyright Management and its Implications for Knowledge Degeneration in Africa (Presenter: Stephen Odirachukwu Mwim, South Africa)	479 - QoSVisor: QoS Framework for SDN (Presenter: Ronak Al-Haddad, United Kingdom) 13 - Safe Railway Crossing System based on Zigbee Communication (Presenter: Razi Iqbal, United Arab Emirates) 196 - Delay Constrained vSDN Embedding in WAN (Presenter: Weiqiang Sun, China) 367 - Empirical Evolution of a Propagation Model for Low Altitude Platforms (Presenter: Faris Almalki, United Kingdom) 214 - Optimising the BBU Pool Placement in Cloud Radio Access Networks based on Power Allocations (Presenter: Raad Alhumaima, United Kingdom) 425 - CSI Map for Indoor Massive MIMO (Presenter: Ahmad Abboud, France) 184 - A Novel Centralized Clustering Approach based on K-Means Algorithm for Wireless Sensor Network (Presenter: Mohammed Ouzzif, Morocco)