## ICITA 2021 Programme (13-14 November 2021)

| Day 1 - Saturday 13th November (Face to Face and Online) | | | |
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| **0930 - 0945** | **Opening** | | |
| **0945 - 1030** | Keynote 1: Dr. Anthony Brooks | | |
| **1030 - 1045** | Tea/Coffee break | | |
| **1045 - 1130** | Keynote 2: Dr. Bushra Al Blooshi | | |
| **1130 - 1140** | **Tea/Coffee break** | | |
| | **Parallel session 1, room 2.09** | **Parallel session 2 (Online)** | **Parallel session 3 (Online)** |
| **1140 - 1200** | Availability in Openstack: The bunny that killed the cloud<br>*Salih Ismail, Hani Ragab Hassen, Mike Just and Hind Zantout* | A convolutional neural network for artifacts detection in EEG data<br>*Amal Boudaya, Siwar Chaabene, Bassem Bouaziz, Hadj Batatia, Hela Zouari, Sana Ben Jemea and Lotfi Chaari* | Managerial Conflict Among The Software Development Team<br>*Madnia Ashraf, Abdallah Tubaishat, Feras Al-Obeidat, Ali Raza* |
| **1200 - 1220** | Malware Prediction using using LSTM Networks<br>*Saba Iqbal, Abrar Ullah, Shiema Adlan, Ryad Soobhany* | Real-World Protein Particle Network Reconstruction Based on Advanced Hybrid Features<br>*Haji Gul, Feras Al-Obeidat, Fernando Moreira, Muhammad Tahir and Adnan Amin* | Decentralisation of FinTech Business Models<br>*Fátima Leal, Maria Emília Teixeira, Fernando Moreira* |
| **1220 - 1240** | Android Malware Detection Using API Calls: A Comparison of Feature Selection and Machine Learning Models<br>*Ali Muzaffar, Hani Ragab Hassen, Michael A Lones and Hind Zantout* | Improving Coronavirus (COVID-19) Diagnosis using Deep Transfer Learning<br>*Arshia Rehman, Saeeda Naz, Ahmed Khan, Ahmed Zaib, Imran Razzak* | Dynamic Offloading in Fog Computing: A Survey<br>*Mariam Orabi, Raghad Albarghash, Sohail Abbas* |
| **1240 - 1300** | P2PRC - a peer to peer network designed for computation<br>*Akilan Selvacoumar, Ryad Soobhany, Benjamin Reji* | Bayesian optimization for sparse artificial neural networks: application to change detection in remote sensing<br>*Mohamed Fakhfakh, Bassem Bouaziz, Hadj Batatia and Lotfi Chaari* | Public Administration and New Information: Increasing Utility<br>*João Rodrigues dos Santos,Maria José Sousa* |
| **1300 - 1400** | **Lunch break** | | |
| **1400 - 1420** | Context-Aware Multimodal Emotion Recognition<br>*Aaishwarya Khalane, Talal Shaikh* | Beard and Hair Detection, Segmentation and Changing Color Using Mask R-CNN | Case Base Maintenance: Clustering Informative, Representative and Divers cases (C IRD)<br>*Asma Chebli, Akila Djebbar, Hayet Farida Merouani* |

| | | Muhammad Talha Ubaid, Malika Khalil, Muhammad Usman Ghani Khan, Tanzila Saba, Amjad Rehman | |
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| **1420 - 1440** | Deep-learning based approach for Sentiment Analysis in software engineering domain<br><br>*Aneesah Abdul, Smitha S. Kumar* | A Robust Remote sensing image watermarking algorithm based on region-based SURF<br><br>*Uzair Aslam Bhatti, Zhaoyuan Yu, Linwang Yuan, Saqib Ali Nawaz, Muhammad Aamir, Mughair Aslam Bhatti* | Smart Control System for User Confirmation based on IoT<br><br>*Asfandyar Khan, Mukhtiar Ahmad, Javed Bangash, Abdullah Khan, Muhammad Ishaq* |
| **1440 - 1500** | Knowledge Models for Software Testing In Robotics<br><br>*Cristina Nicoleta Turcanu* | Fake news identification on social media using machine learning techniques<br><br>*Hafiz Yasir Ghafoor, Arfan Jaffar, Rashid Jahangir, Muhammad Zahid Abbas* | Exploiting Modularity Maximisation in Signed Network Communities for Link Prediction<br><br>*Faima Abbasi, Muhammad Muzammal* |
| **1500 - 1520** | From simulation to deployment: Transfer Learning of a Reinforcement Learning Model for Self-Balancing Robot<br><br>*Sreenithi Sridharan, Talal Shaikh* | Utility of Deep Learning Model to Prioritize the A&E Patients Admission Criteria<br><br>*Krzysztof Trzcinski, Mamoona Asghar, Andrew Phelan, Agustin Servat, Nadia Kanwal, Mohammad Samar Ansari, Enda Fallon* | Comparison of Camera-Based and Lidar-Based Object Detection for Agricultural Robots<br><br>*Sercan Sari* |
| **1520 - 1540** | **Tea/Coffee break** | | |
| **1540 - 1600** | Using the Rodin platform as a programming tool<br><br>*Adrian Turcanu and Florentin Ipate* | A CONCEPTUAL & EFFECTIVE SCHEME FOR BRAIN TUMOR IDENTIFICATION USING ROBUST RANDOM FOREST CLASSIFIER<br><br>*K.Sakthidasan Alias Sankaran, Poyyamozhi A S, Siddiq Ali Shaik, Jennifer Y.* | Deep Oversampling Technique for 4-level Acne Classification in Imbalanced Data<br><br>*Tetiana Biloborodova, Mark Koverha, Inna Skarga-Bandurova, Yelyzaveta Yevsieieva, Illia Skarha-Bandurov* |
| **1600 - 1620** | Touchless Biometric User Authentication Using ESP32 Wi-Fi Module<br><br>*Rikesh Makwana, Talal Shaikh* | A Machine Learning Approach for Load Balancing in a Multi-cloud Environment<br><br>*Usha Divakarla, Chandrasekaran K.* | Convolutional Neural Network – A practical case study<br><br>*João Azevedo, Filipe Portela* |
| **1620 - 1640** | A road map toward crowdsourcing actors, platforms and applications, A review-based study<br><br>*Abdullah Khan, Shah Nazir* | ECC based Secure and Efficient Authentication for Edge devices and Cloud server with Session key establishment<br><br>*Bhanu Chander, Kumarvelan Gopalakrishnan* | FuseIT: Development of a Martech Simulation Platform<br><br>*Célio Gonçalo Marques, Giedrius Romeika,Renata Danielienė, Hélder Pestana* |

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| **1640 - 1700** | METRICS AND INDICATORS OF ONLINE LEARNING IN HIGHER EDUCATION<br>*Maria Sousa,Teresa Mourão* | Transfer Learning Method with Deep Residual Network for Covid-19 Diagnosis Using Chest Radiographs images<br>*Ayesha Komal, Hassaan Malik* | Information System Security Risk Priority Number: A new method for evaluating and prioritization security risk in information system applying FMEA<br>*Ismael, Teresa Guarda* |
| **1700 - 1715** | **Close day (Awards)** | | |
| **All timings are in Gulf Standard time** | | | |
| **Day 2 - Sunday 14th November (Online)** | | | |
| **0945 - 1030** | Keynote 1: Dr. David Tien | | |
| **1030 - 1045** | Tea/Coffee break | | |
| **1045 - 1130** | Keynote 2: Prof. M Quafafou | | |
| **1130 - 1140** | **Tea/Coffee break** | | |
| | **Parallel session 1 (Online)** | **Parallel session 2 (Online)** | **Parallel session 3 (Online)** |
| **1140 - 1200** | The Substructure for Estimation of Miscellaneous Data Failures using Distributed Clustering Techniques<br>*Abdul Ahad, Sreenath Kashyap, Marlene Grace Verghese* | Deep Learning Approach for COVID-19 Diagnosis Using X-Ray Images<br>*Muntasir Al-Asfoor, Mohammed Hamzah Abed* | The Challenges and Case for Urdu DBpedia<br>*Shanza Rasham, Anam Naz, Zunaira Afzal, M. Hammad Anwar, Waleed Ahmed, Qandeel Abbas, Muhammad Ejaz, Muhammad Ilyas* |
| **1200 - 1220** | Performance Enhancement of SAC-OCDMA System Using an Identity Row Shifting Matrix Code<br>*Mohanad Alayedi, Abdlehamid Cherifi, Abelhak Ferhat Hamida, Boubakar Seddik Bouazza, C. B. M Rashidi* | A hybrid approach for classifying Parkinson's Disease from brain MRI<br>*Sreelakshmi S, Robert Mathew* | A Vietnamese Festival Preservation Application<br>*Truong-Thanh Ma, Ngan-Khanh Chau, Zied Bouraoui, Thanh-Nghi Do* |
| **1220 - 1240** | Effect of Encryption Delay on FTP & VoIP Traffic based on TCP/UDP<br>*Muhammad Arif, Muhammad Asif Habib, Nasir Mahmood, Asadullah Tariq, Mudassar Ahmad* | OntoCOVID: Ontology for Semantic Modelling of COVID19 Statistical Data<br>*Shaukat Ali, Shah Khusro, Sajid Anwar, Abrar Ullah* | Object-Oriented Software Testing: A Review<br>*Ali Raza, Babar Shah, Madnia Ashraf, Muhammad Ilyas* |
| **1240 - 1300** | Security Issues and Defenses in Virtualization<br>*Rouaa Alzoubi, Bayan Mahfood, Sohail Sohail Abbas* | Deep Learning Model for Thunderstorm Prediction with Class Imbalance Data<br>*Diarmuid Healy, Zaid Mohammed, Nadia Kanwal, Mamoona Asghar, Mohammad Samar Ansari* | REQUIREMENTS ENGINEERING EDUCATION: A SYSTEMATIC LITERATURE REVIEW<br>*Shahzeb Javed, Sahar Ajmal, Umer Iqbal, Khubaib Amjad Alam* |
| **1300 - 1400** | **Lunch break** | | |

| 1400 - 1420 | Malware Detection using Machine Learning Algorithms for Windows Platform<br>*Abrar Khalid, Muhammad Asif, Maaz Ahmad, Toqeer Mahmood, Muhammad Arslan Raza* | Multiple Parallel Activity Detection and Recognition to Avoid COVID-19 Spread-out<br>*Muhammad Talha Ubaid , Muhammad Zeeshan Khan, Muhammad Usman Ghani Khan, Amjad Rehman, Noor Ayesha* | Personalised Combination of Multi-source Data for User Profiling<br>*Fátima Leal, Bruno Veloso, Benedita Malheiro* |
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| 1420 - 1440 | An IoT based Remote Well Baby Care Solution<br>*Khushi Gupta, Leah Mutanu, Jeet Gohil, Abdihamid Ali* | An Inception-ResNetV2 based Deep Learning Model for COVID-19 Detection<br>*Tanees Riaz, Tarim Dar, Hafsa Ilyas, Ali Javed* | Youth and Adult education (YEA) and Distance Education in the Web of Science (WoS) database from 2000 to 2020: Bibliometry<br>*Alcione FÉlix Do Nascimento, Luciana Aparecida Barbieri Da Rosa, Raul Afonso Pommer Barbosa, Maria Carolina Martins Rodrigues, Larissa Cristina Barbieri, Maria Jose de Sousa* |
| 1440 - 1500 | Evaluation of Selective Reactive Routing Protocols of Mobile Adhoc Network<br>*Muhammad Kashif Nazir, Muhammad Asif Habib, Mudassar Ahmad* | Deep Learning-based Sentiment Analysis on COVID-19 News Videos<br>*Milan Varghese, Anoop V S* | Analysis of Generative Adversarial Networks for Data Driven Inverse Airfoil Design<br>*Priyam Gupta, Prince Tyagi, Raj Kumar Singh* |
| 1500 - 1520 | **Tea/Coffee break** | | |
| 1520 - 1540 | Detection and Identification of Malicious Node in Wireless Sensor Networks from Packet Modifiers and Droppers<br>*Srividya Putty, Nirmala Devi* | Collaborative Filtering based Hybrid Music Recommendation System<br>*Muhammad Umair Hassan, Numan Zafar, Haider Ali, Irfan Yaqoob, Saleh Abdel Afou Alaliyat, Ibrahim A. Hameed* | Digital Learning Technologies in Higher Education: A Bibliometric Study<br>*Andreia de Bem Machado, Maria José Sousa, Gertrudes Aparecida Dandolini* |
| 1540 - 1600 | Deep Models for Analysis of Pneumonia Infection using Chest Radiographs<br>*Siddharth Gupta, Avnish Panwar* | An Artificially Intelligent Marine Life Surveillance and Protection System (MLSPS)<br>*Peer Azmat Shah, Zeeshan Hameed, Eiman Abdulla Obaid Salem Alyammahi, Meera Abdalla Mohamed Qusoom Alnaqbi, Khadija Mubarak Mohamed Awasiya Alzaabi, Asmaa Mohamed Ali Eabayed Aldhanhani* | The teaching of technical design in technical courses in Computer Graphics at Federal Institutes of Education, Science and Technology<br>*Eliana Paula Calegari, Luciana Aparecida Barbieri da Rosa, Raul Afonso Pommer Barbosa, Maria Jose de Sousa* |
| 1600 - 1630 | | | E-learning strategies for healthcare students during COVID-2019 pandemic: a systematic review<br>*Carla Pires, Maria José Sousa* |
| 1630 - 1700 | **Closing ceremony (face-to-face/online)** | | |
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