**ACS21 Programme (13-14 November 2021)**

**All timings are Gulf Standard Time**

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| **Day 1 - Saturday 13th November (Face to Face and Online)** | |
| **Opening and keynotes** | |
| **0930 - 0945** | **Opening** |
| **0945 - 1030** | Keynote 1: Dr. Anthony Brooks |
| **1030 - 1045** | Tea/Coffee break |
| **1045 - 1130** | Keynote 2: Biju Hameed |
| **1130 - 1140** | **Tea/Coffee break** |
| **Session 1, room 2.09 and online** | |
| **1140 - 1200** | Availability in Openstack: The bunny that killed the cloud  *Salih Ismail, Hani Ragab Hassen, Mike Just and Hind Zantout* |
| **1200 - 1220** | Malware Prediction using using LSTM Networks  *Saba Iqbal, Abrar Ullah, Shiema Adlan, Ryad Soobhany* |
| **1220 - 1240** | Android Malware Detection Using API Calls: A Comparison of Feature Selection and Machine Learning Models  *Ali Muzaffar, Hani Ragab Hassen, Michael A Lones and Hind Zantout* |
| **1240 - 1300** | P2PRC - a peer to peer network designed for computation  *Akilan Selvacoumar, Ryad Soobhany, Benjamin Reji* |
| **1300 - 1400** |  |
| **Session 2, room 5.33 and online** | |
| **1400 - 1420** | Intrusion Detection for CAN Using Deep Learning Techniques  *Rawan Suwwan, Seba Alkafri, Lotf Elsadek, Khaled Afifi, Imran Zualkernan and Fadi Aloul* |
| **1420 - 1440** | Feature Selection Approach for Phishing Detection based on Machine Learning  *Yi Wei and Yuji Sekiya* |
| **1440 - 1500** | Vulnerability Detection using Deep Learning  *Mahmoud Osama Elsheikh* |
| **1500 - 1520** | Multi-Face Recognition Systems Based on Deep and Machine Learning Algorithms  *Badreddine Alane and Saad Bouguezel* |
| **1520 - 1540** | **Tea/Coffee break** |
| **Session 3, room 5.33 and online** | |
| **1540 - 1600** | Android Malware Detection Using Long Short Term Memory Recurrent Neural Networks  *Lilia Georgieva and Basile Lamarque* |
| **1600 - 1620** | A Comparative Study of Machine Learning Binary Classification Methods for Botnet Detection  *Nadim Elsakaan and Kamal Amroun* |
| **1620 - 1640** | Phishing Email Detection Using Bi-GRU-CNN Model  *Mohamed Abdelkarim Remmide, Fatima Boumahdi and Narhimene Boustia* |
| **1640 - 1700** | Detecting Vulnerabilities in Source Code using Machine Learning  *Omar Hany and Mervat Abu-Elkheir* |
| **1700 - 1715** | **ACS21 Student Competition Awards and Close day** |

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| **Day 2 - Sunday 14th November (Online)** | |
| **Keynotes (zoom: )** | |
| **0945 - 1030** | Keynote 1: Dr. David Tien |
| **1030 - 1045** | Tea/Coffee break |
| **1045 - 1130** | Keynote 2: Prof. M Quafafou |
| **1130 - 1140** | **Tea/Coffee break** |
| **Session 1, online** | |
| **1140 - 1200** | The Substructure for Estimation of Miscellaneous Data Failures using Distributed Clustering Techniques  *Abdul Ahad, Sreenath Kashyap, Marlene Grace Verghese* |
| **1200 - 1220** | Performance Enhancement of SAC-OCDMA System Using an Identity Row Shifting Matrix Code  *Mohanad Alayedi, Abdlehamid Cherifi, Abelhak Ferhat Hamida, Boubakar Seddik Bouazza, C. B. M Rashidi* |
| **1220 - 1240** | Effect of Encryption Delay on FTP & VoIP Traffic based on TCP/UDP  *Muhammad Arif, Muhammad Asif Habib, Nasir Mahmood, Asadullah Tariq, Mudassar Ahmad* |
| **1240 - 1300** | Security Issues and Defenses in Virtualization  *Rouaa Alzoubi, Bayan Mahfood, Sohail Sohail Abbas* |
| **1300 - 1400** | **Break** |
| **Session 2, online** | |
| **1400 - 1420** | Malware Detection using Machine Learning Algorithms for Windows Platform  *Abrar Khalid, Muhammad Asif, Maaz Ahmad, Toqeer Mahmood, Muhammad Arslan Raza* |
| **1420 - 1440** | An IoT based Remote Well Baby Care Solution  *Khushi Gupta, Leah Mutanu, Jeet Gohil, Abdihamid Ali* |
| **1440 - 1500** | Evaluation of Selective Reactive Routing Protocols of Mobile Adhoc Network  *Muhammad Kashif Nazir, Muhammad Asif Habib, Mudassar Ahmad* |
| **1500 - 1520** | **Break** |
| **Session 3, online** | |
| **1520 - 1540** | Using Physically Unclonable Function for Increasing Security of Internet of Things  *Mohammad Taghi Fatehi Khaje, Mona Moradi and Kivan Navi* |
| **1540 - 1600** | A Novel Approach Integrating Design Thinking Techniques in Cyber Exercise Development  *Melisa Gafic, Simon Tjoa and Peter Kieseberg* |
| **1600 - 1630** | Distributed and Reliable Leader Election Framework for Wireless Sensor Network (DRLEF)  *Nadim Elsakaan and Kamal Amroun* |
| **1630 - 1700** | **Closing ceremony (face-to-face/online)** |