

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

All timings are Gulf Standard Time

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

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