

FINAL PROGRAM



ICCA'2022 International Conference

The British University in Cairo – BUE

December 20th – 22nd, 2022



BUE

CAIRO

<http://icca-conf.net/> SUTTLES to BUE: <http://icca-conf.net/shuttles.pdf> USB-PROCEEDINGS: <http://icca-conf.net/ICCA22FINAL.pdf>

Day-1: Tuesday, December 20th, 2022 (Cairo: GMT + 2 hours)

08:45 – 12:00 Registration

09:30 – 10:00 Official Opening

PRESENTATIONS MS TEAMS LINKS:

<http://icca-conf.net/Links.docx> <http://icca-conf.net/LinksPresentations.pdf>

Keynotes Session Chairs: *Professor Dr. Omar Karam and Professor Dr. Samir Abou EL-Seoud*

10:00 – 10:45 **Keynote 1:** **Professor Dr. Mohamad Sawan – CHINA – ONLINE (BY MS TEAMS)**
<http://icca-conf.net/images/speaker/SAWAN.htm>

Closed-Loop Systems for the Monitoring and Treatment of Neurodegenerative Disorders

10:45 – 11:30 **Keynote 2:** **Professor Dr. Moncef Gabbouj – FINLAND – ONLINE (BY MS TEAMS)**
<http://icca-conf.net/images/speaker/MONCEF.htm>

The Super Neuron Model – A New Generation of ANN-based Machine Learning and Applications

11:30 – 12:15 **Keynote 3:** **Professor Dr. Helen D. Karatza – GREECE – ONLINE (BY MS TEAMS)**
<http://icca-conf.net/images/speaker/HKaratza.htm>

Cloud/Fog/Mist Computing for Time-Critical Applications Resource Allocation and Scheduling Challenges

Lunch Break

Timing	Session-1 – Room A – ONSITE	Session-2 – Room B – ONLINE BY TEAMS
	Chairs: Prof. Dr. McKee Gerard and Prof. Dr. Walid Hussein	Chairs: Prof. Dr. Hany Amin and Prof. Dr. Ann Nosseir
14:00 – 14:20	#9 (1570844647): <i>An Advanced Deep Learning Medical Image Recognition and Diagnosis of Respiratory System Viruses</i> , Mazhar B. Tayel, Adel M. El Fahar and Ahmed M. Fahmy - EGYPT	#16 (1570851153): <i>Machine Learning Methods for Dysgraphia Screening with Online Handwriting Features</i> Jayakanth Kunhoth, Somaya Al Maadeed, Moutaz Saleh, Younus Akbari - QATAR
14:20 – 14:40	#12 (1570847048): <i>A Novel Non-Inverting Quadratic Double Switch Buck Boost Converter for Charging Lithium-Ion Batteries in Electrical Vehicles</i> Amr Kamal Mohamed and Hany A. Bastawrous - EGYPT	#11 (1570846057): <i>Measuring Google Classroom's Usability Level from an Expert Perspective</i> Emi Iryanti, Sri Suning Kusumawardani, Indriana Hidayah, and Ranty Deviana Siahaan - INDONESIA
14:40 – 15:00	#30 (1570864621): <i>The Evolution of Cryptocurrency and Cyber Attacks</i> , Hala Strohmer Berry UNITED STATES	#3 (1570816905): <i>LegitVote: A Blockchain-Based System to Facilitate E-Voting Process</i> , Oscar Ikundi, Kingsley C. Nwosu, Musbah Abdulgader - UNITED STATES
15:00 – 15:20	#4 (1570830918): <i>Optimum Operation and Cost Scenarios of a Hybrid Wind/PV/Battery in a Radial Network using Firefly Algorithm and Surrogate Optimization</i> , Mohamed Els. S. Abdelwareth, Dedet Candra Riawan, and Chow Chompoo-inwai - THAILAND and INDONESIA	#2 (1570815592): <i>IoT E-health System for Cardiac Telemonitoring</i> , Heba Mohammed Fadhil, Haneen Salah Hassan and Esraa Muneer Abed - IRAQ
15:20 – 15:40	#23 (1570860162): <i>Semi-Supervised Machine Learning Applications in RAN Design: Towards Data-Driven Next Generation Cellular Networks</i> , Ayman Gaber, Tamer Arafa, and Nashwa Abdelbaki - EGYPT	#1 (1570815588): <i>Improve Data Mining Techniques with a High-Performance Cluster</i> , Heba Mohammed Fadhil, Zainab Abdunnasser and Shahad Mohammed - IRAQ
15:40 – 16:00	#13 (1570847178): <i>Mapping onto Network on Chip Using Particle Swarm Optimisation With Genetic Algorithm</i> , Maamar Bougherara, Amara Rafik and Rebiha Kemcha ALGERIA	#55 (1570873947): <i>Online Food Delivery Adoption: A Systematic Literature Review</i> , Mashudah Sabilaturrizqi and Apol Pribadi Subriadi, INDONESIA
16:00 – 16:20	#7 (1570836251): <i>Video Games Player Modeling and Classification using Machine Learning</i> , Mohamed Elsayed, Abeer Hamdy and Ahmad Mostafa, EGYPT	#14 (1570850500): <i>The Influential Factors for ICT Adoption: Survey of Teachers in the Higher Educational Institutions in Bauchi State</i> Ahmad AUWAL, NUHU Yakubu Danjuma, and ABDULLAHI Abubakar Hamani. NIGERIA

END OF DAY-1

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Day-2: Wednesday, December 21st, 2022, (Cairo: GMT + 2 hours)

08:45 – 12:00 Registration

Keynotes Session Chairs: Professor Dr. Samy Ghoniemy and Dr. Nahla Barakat

09:00 – 09:45 **Keynote 1: Professor Dr. Henrik Hautop Lund – DENMARK**

From Modular Robotics to Modular Playware <http://icca-conf.net/images/speaker/HHLund.htm>

09:45 – 10:30 **Keynote 2: Dr. Hala Strohmer Berry – USA**

How to Establish a New Company in the USA <https://www.usca.edu/about/directories/person/hala-strohmer>

Keynote 3: Dr. Rezy Eko Caraka – KOREA TALK is accessible **ONLINE (600 MB)**

10:45 – 11:15 **Keynote 4: Professor Dr. Ali JAOUA – QATAR**

Conceptual Data Science: Foundation and Recent Applications for Natural Language Processing, Data Science and Machine Learning.

Timing	Session-1 – Room A - ONSITE Chairs: Prof. Dr. Khalid Nagaty and Dr. Mostafa Salama	Session-2 – Room B – ONLINE BY TEAMS Chairs: Prof. Dr. Andreas Pester and Dr. Nivine Atef
11:20 – 11:40	#43 (1570870506): Towards a Smart Electric Grid in Abu Dhabi: Models' analysis and an Infrastructure and Architecture Proposition, Abdulla Naser Alzaabi, Dheyab AlKaabi, Ahmed Shuhaiber – UAE	#48 (1570872884): Diverse Approaches Have Been Presented To Mitigate SQL Injection Attack, But It Is Still Alive: A Review, Mohammad Qbeah, Saed Alrabaae, M. Alshraideh and Khair Eddin Sabri, UAE and JORAN
11:40 – 12:00	#35 (1570868009): Twitter sentiment analysis to understand students' perceptions about online learning during the Covid'19, Feras Al-Obeidat, Mariam Ishaq, Ahmed Shuhaiber, and Adnan Amin – UAE and PAKISTAN	#15 (1570850760): Ranking of SADC Countries E-Government Information Services Based on Citizen Satisfaction, Caroline Mukumbareza, Oludayo. O. Olugbara, and Timothy T Adeliyi – SOUTH AFRICA
12:00 – 12:20	#38 (1570869914): Towards a global C2C Crowdsourcing Smart Shopper System: An SDLC Development Approach, Alyazia Albreiki, Ayesha Almemari, Ahmed Shuhaiber - UAE	#34 (1570867674): A Deep Learning Approach for Minimizing False Negatives in Predicting Receipt Emails, Chanda Hirway, Enda Fallon, Paul Connolly, Kieran Flanagan, Deepak Yadav – IRELAND
12:20 – 12:40	#39 (1570869962): Motivation and Hurdles for the Student Adoption of Metaverse-based Classroom: A Qualitative Study, Mousa Al-Kfairy, Omar Al-Fandi, and Mewael Alema – UAE - GERMANY	#27 (1570862283): Design Mobile Application for Blood Donation System, Muna M. Hummady IRAQ
12:40 – 13:00	#36 (1570868720): Digital educational platforms in modern Russia: technologies, solutions, risks and services in the context of smartization, Daria Maltseva, Daniil Fedotov, Andrey Aleynikov, and Olga Safonova – RUSSIA	#24 (1570860607): A Brief History of Deep Learning-Based Text Generation, Anil Bas, M. Onat Topal, Cagdas Duman, and Imke van Heerden TURKEY

Lunch Break

Timing	Session-1 – Room A - ONSITE Chairs: Dr. Doaa Elzanfily and Dr. Nermine Othman	Session-2 – Room B – ONLINE BY TEAMS Chairs: Prof. Dr. Abeer Hamdy and Dr. Marwa Salah
14:00 – 14:20	#31 (1570866088): The intercorrelations among risk factors and trust dimensions in S-commerce: An empirical investigation from the user experience, Mousa Al-Kfairy and Ahmed Shuhaiber – UAE	#20 (1570855144): Mobile Application to Locate and Track Person's Whereabouts and Send SOS Messages, Heba Mohammed Fadhil, Mohammed Dheyaa Ibrahim and Al Taib Faris Abd-alsattar – IRAQ
14:20 – 14:40	#33 (1570866679): Feasibility Study of Using Predictive LTE Connection Selection from Multi-Operator for Teleoperated Vehicles, Ahmed Maher Mohamed, Nashwa AbdelBaki – EGYPT	#25 (1570860811): Methods for Handling Spontaneous Health Arabic Queries using unsupervised machine learning, Daoud Daoud, Samir Abou El-Seoud, Ali Farhat, and Fuad Alhosban – JORDAN, EGYPT and UAE
14:40 – 15:00	#8 (1570843886): Q-learning and Simulated Annealing-based Routing for Software-defined Networks. Marwa Kandil, Mohamad Khattar Awad, Eiman Mohammed Alotaibi, and Reza Mohammadi – KUWAIT and IRAN	#45 (1570870279): Domain-Specific Text Generation for Arabic Text Summarization, Jezia Zakraoui and Jihad AlJa'am – QATAR
15:00 – 15:20	#28 (1570862748): A Machine Learning Based Analysis Between Climate Change and Human Health: A Correlational Study, Md. Fahim, Md. Ekhtiar Uddin, Rizve Ahmed, Md. Rashedul Islam, and Nadeem Ahmed – BANGLADESH	#50 (1570872901): Examining The Effects of Playing Difficulty and Playing Duration in Unwinnable Persuasive Games – Reza Giga Isnanda, Paulus Insap Santosaa, and Rudy Hartanto – INDONESIA
15:20 – 15:40	#41 (1570870266): Usability Evaluation of a Muscle Strength Training System for Older Adults, Hsin-Pei Tsai, Chun-Ching Chen, and Chih-Wei Peng – TAIWAN (ONLINE BY TEAMS)	#51 (1570872908): A Preliminary Study on Interdisciplinary Programming Learning Based on Cloud Computing Low-code Development Platform, Chung-Hsiang Wang and Ko-Chiu Wu - TAIWAN
15:40 – 16:00	#42 (1570870279): Flower Pollination Algorithm FPA used to Improve the Performance of Grid-Connected PV Systems, Husam Ali Hadi, Abdallah Kassem, Hassan Amoud, and Safwan Nadweh – LEBANON and SYRIA (ONLINE BY TEAMS)	#46 (1570859335) Smart Healthcare Medical Bracelet using the Internet of Things, Muna M. Hummady and Heba Mohammed Fadhil, IRAQ
16:00 – 16:20	#10 (1570845038): BADR: A Talking Face To Teach Arabic Vocabulary Under COVID-19, Zeyad Ali, Moutaz Saleh, Sumaya Al-Maadeed, Jihad AlJa'am, Dom Massaro, Imad Salah - QATAR and USA (ONLINE BY TEAMS)	#49 (1570872892): The digital and Cyberspace Modernization Strategy; A Possible Strategic Roadmap to Transform Traditional Military Organizations into a Smart Military Through the Emerging Information Technology – Ahmad Salem - QATAR

END OF DAY-2



December 22nd, 2022: CAIRO TOUR AND SIGHTSEEING DISCOVER EGYPT