

Conference Program

International Conference on Computing
ICC 2019

Day 1: Tuesday December 10, 2019

8:00AM-4:30PM	Registration
	Auditorium
08:30-09:00	Opening Ceremony
09:00-10:00	Keynote Speaker I: Prof. Kamal Youcef-Toumi
10:00-10:30	Coffee Break

	Room 1	Room 2	Room 3
10:30-12:00	Cyber Security I Session Chair: Dr. XXX	Data Science I Session Chair: Dr. XXX	Information Technology & Applications I Session Chair: Dr. XXX
	Dalila Boughaci and Omar Boughaci A comparative study of three Blockchain emerging technologies: Bitcoin, Ethereum and Hyperledger	Rania Abul Seoud غربغ :- Android Live Voice & Text Chat Translator	Jürgen Abel EMD for Technical Analysis
	Ashay Walke Comparison of Supervised and Unsupervised Fraud Detection	Fatihah Mohd, Noor Maizura Mohamad Noor, Wan Fatin Fatihah Yahya, Mumtazimah Mohamad, Masita Abdul Jalil and Suryani Ismail Improving Accuracy of Imbalanced Clinical Data Classification Using Synthetic Minority Over-Sampling Technique	Fati Oiza Salami and Mohd Shafry Mohd Rahim Enhancement of The Segmentation Framework for Rotated Iris Images
	Shaimaa Elsaid Cybersecurity: Design and Implementation of an Intrusion Detection and Prevention System	Abdelhak Mansoul, Baghdad Atmani, Mohamed Benamina and Sofia Benbelkacem Learning CBR Solutions by Association Rules Approach	Kaneeka Vidanage, Noor Maizura Binti Mohamad Noor, Rosmayati Binti Mohamad and Zuriana Abu Bakar Domain and Schema Independent Ontology Verbalizing
		Dalila Boughaci & Abdullah A.K. Alkhawaldeh Stochastic local search based feature selection combined with k-means for clients' segmentation in credit scoring	Reem Alnanih and Hanaa Alzahrani The Effect of User Experience on the Quality of Designing User Interface in Healthcare
12:00-1:30	Dhuhr Prayer & Lunch in honour of Princess Nourah University President		

Day 1: Tuesday December 10, 2019 (This is a continuation)

	Room 1	Room 2	Room 3
01:30-02:30	Keynote Speaker II: Prof. Muhammad Khurram Khan		
02:30-04:00	Network & IoT I Session Chair: Dr. XXX	Data Science II Chair: Dr. XXX	Information Technology & Applications II Session Chair: Dr. XXX
	Shiyam Alalmaei, Matthew Broadbent, Nicholas Race and Samia Chelloug OpenCache: Distributed SDN/NFV Based In-network Caching as a Service	Mohammed Bakri Bashir, Adil Yousif & Muhammad Shafie Abd Latiff Real Time Search Technique for Distributed Massive Data using grid computing	Monerah Alawadh, Isra Alturaiki, Mohammed Alawadh & Shahad Tallab Saudi Arabia Market Basket Analysis
	Hanaa Abdallah and Sara Alsodairi Comparative study of SVD-based watermarking scheme in Dual Tree Complex Wavelet Transform (DT-CWT) and Discrete Wavelet Transform (DWT)	Sara Shaheen, Sawsan Alhalawani, Nuha Alnabit and Dana Alhenaki Analytical Experiments on the Utilization of Data Visualizations	Hadeel Alsolai and Marc Roper Determining the Best Prediction Accuracy of the Software Maintainability Models Using Auto-WEKA tool
	Jamel Nebhen, Mohamed Masmoudi, Wenceslas Rahajandraibe and Khalifa Aguir High DC-gain Two-Stage OTA Using Positive Feedback and Split-Length Transistor Techniques	Sumaya Aleidi, Dalia Alsuhaibani, Nora Alrajebah and Heba Kurdi A Tweets' Ranking System using Sentiment Scores and Popularity Measures	Yusra Mohamed Suliman, Adil Yousif and Mohammed Bakri Bashir Shark Smell Optimization (SSO) Algorithm for Cloud Jobs Scheduling
		Zubaydh Kenkar and Sawsan Alhalawani Event-Based Driving Style Analysis	Fatima Zohra Benhacine, Baghdad Atmani, Mohamed Benamina and Sofia Benbelkacem A visual decision making support system for the diabetes prevention
04:00-04:30	Asr Prayer & Coffee Break		
04:30-05:30	Princess Nourah University Tour		

Day 2: Wednesday December 11, 2019

	Auditorium
08:30-09:30	Keynote Speaker III: Prof. Omer Rana
09:30-10:00	Coffee Break
10:00-11:00	The Ceremony is Under the Patronage of xxxxxxxx

	Room 1	Room 2	Room 3
11:00-12:00	Cyber Security II Session Chair: Dr. XXX	Data Science III Session Chair: Dr. XXX	Information Technology & Applications III Session Chair: Dr. XXX
	Omer Jasim and Safia Abbas Detailed Quantum Cryptographic Service and Data Security in Cloud Computing	Monia Hamdi, Hela Elmannai & Abeer Algarni Swarm Intelligence and ICA for Blind Source Separation	Mayada Elsaid, Sara Altuwaijri, Ayah Alhamdan and Sawsan Alhalawani Sensor-Based Business Process Model for Appliance Repair
	Bedour Alrashidi, Aljawharah Almuhana and Alanoud Aljedaie The Effects of The Property of Access Possibilities and Cybersecurity Awareness on Social Media Application	Maya John and Hadil Shaiba Shiny Framework Based Visualization and Analytics Tool for Middle East Respiratory Syndrome	Hichem Benfriha, Baghdad Atmani, Belarbi Khemliche, Nabil Tabet Aoul and Ali Douah A Multi-labels text categorization framework for cerebral lesion's identification
	Lujain Alharbi and Dania Aljeaid A blockchain review: a comparative study between Public key infrastructure and Identity Based Encryption	Amal Alkabbabi and Mounira Taileb Ensemble Learning Sentiment Classification for Un-labeled Arabic Text	Mohamed Benamina, Baghdad Atmani, Sofia Benbelkacem and Abdelhak Mansoul Fuzzy adaptation of surveillance plans of patients with diabetes
	Mousa Al-Akhras, Ali Mehdi and Mohammed Alawairdhi Neural Iris Signature Recognition (NISR)	Sara Alshaya, Andrew McCarren and Amal Alrasheed Predicting No-show Medical Appointments using Machine Learning	Shaimaa Ahmad Arabic Real-Time License Plate Recognition System
12:30-02:00	Dhuhr Prayer & Lunch		

Day 2: Wednesday December 11, 2019 (This is a continuation)

	Room 1	Room 2	Room 3
01:30-02:30	Keynote Speaker IV: Prof. Stephanie E. August		
02:30-04:00	Network & IoT II Session Chair: Dr. XXX	Data Science IV Session Chair: Dr. XXX	Information Technology & Applications IV Session Chair: Dr. XXX
	Fatimah Alrubaish, Ghada Humaid, Rasha Alamri and Mariam Elhussain Automated Detection for Student Cheating During Written Exams: An Updated Algorithm Supported by Biometric of Intent	Amani Alrobai and Musfira Jilani Cancer Incidence Prediction Using a Hybrid Model of Wavelet Transform and LSTM Networks	Rana Alabdan Exploring Barriers Mobile Payments Adoption: A Case Study of Majmaah University In Saudi Arabia
	Halima Bouazza Integration of Internet of Things and Social Network	Hela Elmannai, Monia Hamdi and Abeer Algarni Enhanced Support Vector Machine applied to land-use classification	Boubakeur Boufama, Mohamed Batouche and Tarik Elamsy A method for 3D-Metric Reconstruction using zoom cameras
	Amaliya Princy Mohan and Maher Elshakankiri Enhanced Priority-based Routing Protocol (EPRP) for Inter-Vehicular Communication	Suad Almutairi, Hadil Shaiba and Marija Bezbradica Predicting Students' Academic Performance and Main Behavioral Features using Data Mining Techniques	Said Broumi, Nagarajan Deivanayagam Pillai, Lathamaheswari Malayalan, Mohamed Talea, Assia Bakali and Florentin Smarandache Bellman-Ford Algorithm under Trapezoidal Interval Valued Neutrosophic Environment
		Hanan Almansor and Michele Lundy Crime Types Prediction	Ayman Mostafa Design and Implementation of Secured E-Business Structure with LTL Patterns for User Behavior Prediction
04:00-04:30	Asr Prayer & Coffee Break		
04:30-05:30	Awards Ceremony		

Day 3: Thursday December 12, 2019

	Auditorium
09:00-10:00	Keynote Speaker V: Dr. Norma Alias
10:00-10:30	Coffee Break

	Room 1	Room 2	Room 3
10:30-12:00		Data Science V Session Chair: Dr. XXX	Information Technology & Applications V Session Chair: Dr. XXX
		Mrouj Almuhajri and Ching Suen Intensive Survey about Road Traffic Signs Preprocessing, Detection and Recognition	Fawzia Zohra Abdelouhab, Baghdad Atmani and F.Zohra Benhacine Association Rules for Detecting Lost of View in the Expanded Program on Immunization
		Hanadi Alhamdan and Musfira Jilani Machine Learning for Automobile Driver Identification Using Telematics Data	Ayman Mostafa, Mohamed Maher and Mohamed Monier Hybrid Model Architectures for Enhancing Data Classification Performance in E-commerce Applications
		Lama Alaskar, Martin Crane and Mai Alduailij Employee Turnover Prediction Using Machine Learning	Samiha Brahimi, Aseel Aljulaud, Anwar Badr, Norah Alguraibi, Mariam Alrubei and Samiha Brahimi Performance dashboards for project management
		Rawan Alamro Predicting Saudi Stock Market by Incorporating GDELT Using Multivariate Time Series Modelling	Muna Elsheik, Dua' A. Nassar and Leila Jamel Menzli Healthcare Information System Assessment Case study Riyadh's Hospitals-KSA
12:00-01:30	Dhuhr Prayer & Lunch		
02:00-05:00	Riyadh Trip		