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** Ɛrbeng :- 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 xxxxxxx**		

	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 Alkabkabi 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**		