

ICCA'17– FINAL PROGRAM

VENUE: SHERATON CREEKS & TOURS – DUBAI – UAE

<http://www.sheratondubaicreek.com/>

Day-1 Wednesday September 06, 2017

Opening: 08:00 – 08:05:

Prof. Abdallah Kassem – NDU – Lebanon

1. KEYNOTE-1 (08:05 – 08:35)

Prof. Dr. Zaher AL Aghbari – Sharjah University – UAE

2. KEYNOTE-2 (08:35 – 08:50)

IEEE UAE SECTION REPRESENTATIVE

Prof. Piyush Maheshwari – United Arab Emirates

SESSION A – Chair:

Prof. Amir Mazinan (Co-Chair Dr. Abdallah Kassem)

3. (08:50-09:05)

Prof. Dr. Ali Yazici – Turkey (Presenter)

#1570338685: Ziya Karakaya, Ali Yazici, and Muhammed Alayyoub

“A Comparison of Stream Processing Frameworks”

4. (09:05-09:20)

Prof. Dr. Gautam Das – United States of America (Presenter)

1570358462: Azade Nazi, Abolfazl Asudeh, Nan Zhang, Ali Jaoua, and Gautam Das

“MobiFace: A Mobile Application for Faceted Search over Hidden Web Databases”

5. (09:20-09:35)

Prof. Tan Chin – Malaysia (Presenter)

#1570359620: Muhammad Reazul Haque, S.C. Tan, Zulfadzli Yusoff, Lee Ching

Kwang, Sameer Ali, Ir. Rizaludin Kaspin, Salvatore Renato Ziri

“Motivation of DDoS Attack-Aware in Software Defined Networking Controller Placement”

6. (09:35-09:50)

Entisar Alkayal – Saudi Arabia (Presenter)

#1570385842: Entisar Alkayal, Nicholas Jennings, and Maysoon Abulkhair

“Automated Negotiation using Parallel Particle Swarm Optimization for Cloud Computing Applications”

7. (09:50-10:05)

Dr. Georges Badr – Lebanon (Presenter)

1570388475: Rayane El Sibai, Chady Abou Jaoude, Jacques Demerjian

“A New Robust Approach for Real-Time Hand Detection and Gesture Recognition”

8.	(10:05-10:20) Amjad Alsirhani – Canada (Presenter) #1570347896: Amjad Alsirhani, Peter Bodorik, and Srinivas Sampalli “Improving Database Security in Cloud Computing by Fragmentation of Data”
9.	(10:20-10:35) Ziad Abdallah – Lebanon (Presenter) #1570373922: Ziad Abdallah, Ali El-Zaart and Mohamad Oueidat “An Improved Framework For Image Multi-label Classification Using Gabor Feature Extraction”
Coffee Break (10:35 – 10:50)	
SESSION B – CHAIR: Prof. Ali Yazici (Co-Chair: Prof. Abdallah Kassem)	
10.	(10:50-11:05) Mohamad Rahman – United Arab Emirates (Presenter) #1570348135: Mathew Nicho, Shafaq Khan, and M. Rahman “Managing Information Security Risk Using Integrated Governance Risk and Compliance”
11.	(11:05-11:20) Prof. Piyush Maheshwari – United Arab Emirates (Presenter) #1570374131: Sapna Tyagi, Piyush Maheshwari, Agarwal Amit and Vinay Avasthi “Exploring 3D Network-on-Chip Architectures and Challenges”
12.	(11:20-11:35) Prof. Amir Mazinan – Azad Islamic University (Presenter) #1570349575: Amir Hooshang Mazinan and R. Ghasemzadeh “Application of Adaptive Nonsingular Sliding Mode Control Approach to Wind Turbine Grid Fault-Tolerance”
13.	(11:35-11:50) Ashraf Roshdy – Vodafone Egypt (Presenter) #1570374124: Ashraf Roshdy, Ayman Gaber, and Mohamed Khairy “Radio Resources Dimensioning Using Machine Learning with Case Study in Live Network”
14.	(11:50-12:05) Radu Velea – Romania (Presenter) #1570347887: Radu Velea and Ștefan M Drăgan “CPU/GPU Hybrid Detection for Malware Signatures”
15.	(12:05-12:20) Dr. Sandeep Dalal – India (Presenter) #1570377228: Sandeep Dalal and Susheela Hooda “A Novel Technique for Testing an Aspect Oriented Software System Using Genetic and Fuzzy Clustering Algorithm”

16.	(12:20-12:35) Prof. Nor Shahriza Abdul Karim – Saudi Arabia (Presenter) #1570373369: Nor Shahriza Abdul Karim, Fahda AlAmmar and Romana Aziz “Ethical Software: Integrating Code of Ethics into Software Development Life Cycle”
Lunch 12:35 – 13:45 (Hatta Restaurant)	
SESSION C – CHAIR: Prof. Zaher ALAghbari (Co-Chair Prof. Nor Karim)	
17.	(13:45-14:00) Dr. Waled Obaid – United Arab Emirates (Presenter) #1570370179: Waleed Obaid, Tamer Rabie, and Mohamad Baziyad “Real-Time Color Object Recognition and Navigation for QUARC QBOT2”
18.	(14:00-14:15) – (14:15-14:30) Ira C. Valenzuela – Philippines (Presenter) #1570339306: Ira C. Valenzuela, Renann M Baldovino, A. Bandala and E. P. Dadios “Optimization of Photosynthetic Rate Parameters using Adaptive Neuro-Fuzzy Inference System (ANFIS)” Ira C. Valenzuela – Philippines (Presenter) #1570351426: Ira C. Valenzuela “Optimization Blood Glucose Analysis Utilizing Artificial Raindrop Algorithm and Capacitance Method”
19.	(14:30-14:45) Mehdi Panjwani – Finland (Presenter) #1570395335: Mehdi Panjwani and Marko Jäntti “Data Protection & Security Challenges in Digital & IT Services: A Case Study”
20.	(14:45-15:00) Dr. Saad Alabdallah – (Presenter) #1570372344: Saad Abdullah Alsaleh and Haryani Haron “Motivational System Model for Knowledge Sharing in Public Institutions”
21.	(15:00-15:15) Dr. Siddhaling Urolagin – United Arab Emirates (Presenter) #1570395120: Siddhaling Urolagin “Text Mining of Tweet for Sentiment Classification and Association with Stock Prices”
22.	(15:15-15:30) Dr. Loiy Alsbatin – Turkey (Presenter) #1570395130: Loiy Alsbatin, Gurcu Oz and Ali Hakan Ulusoy “An Overview of Energy-Efficient Cloud Data Centres”
Coffee Break (15:30 – 15:50)	

**SESSION D – Chair: Prof. Dr. Gautam Das
(Co-Chair Prof. Abdallah Kassem)**

23. (15:50-16:05)

Dr. Georges Bader – Lebanon (Presenter)

#1570355195: Carine Bou Rjeily and Georges Badr
“Sequential Mining Classification”

24. (16:05-16:20)

Shakeel Ahmed – Saudi Arabia (Presenter)

#1570352311: Shakeel Ahmed, Ibrahim Ahmed Ghashem, Mohammed Aalsalem and
Wazir Zada Khan

“Thin Client Technology for Higher Education at Universities of Saudi
Arabia: Implementation, Challenges and Lesson Learned”

25. (16:20-16:35)

Hissa Alaskar – Saudi Arabia (Presenter)

#1570381250: Abeer Alnafjan, Afnan Aljumaah, Hissa Alaskar, and Reem Alshraihi

“Designing *Najeeb*: Technology-enhanced Learning for Children with
Impaired Hearing using Arabic Sign-Language ArSL Applications”

26. (16:35-16:50) PRESENTATION (Prof. Ali Jaoua)

27. (16:50-17:05) PRESENTATION (Prof. Ali Jaoua)

CONCLUSION: DAY 1 - CLOSURE

Day 2: Thursday September 07, 2017

1. KEYNOTE-3: (08:00 – 08:30)
Prof. Gautam DAS – University of Texas at Arlington – USA
<http://ranger.uta.edu/~gdas/>

2. KEYNOTE-4: (08:30 – 09:00)
Prof. Abdallah Kassem – NDU University - Lebanon

**SESSION E – Chair: Prof. Dheyaa Shaheed Azzawi
(Co-Chair Dr. Saad Alabdallah)**

3. (09:00-09:15)
Dr. Poonam Jindal – India (Presenter)
#1570385525: Rupali Sinha and Poonam Jindal
“Energy Efficiency and Secure Communication with Power Splitting Energy Harvesting Technique for Single Relay Network”

4. (09:15-09:30)
Dr. Ritu Garg – India (Presenter)
#1570389237: Ritu Garg and Ashish Gupta
“Load Balancing Based Task Scheduling with ACO in Cloud Computing”

5. (09:30-09:45)
Dr. Mohamad EID – United Arab Emirates (Presenter)
1570351554: Mikhail Oparin and Mohamad EID
“Analysis of High-Rate Wireless Links for Tele-Haptics Applications”

6. (09:45-10:00)
Devansh Gupta – India (Presenter)
#1570373693: Devansh Gupta
“An Approach of Using OS Through Cloud Computing”

7. (10:00-10:15)
Mohit Dua – India (Presenter)
#1570383073: Mohit Dua, Rajesh Kumar Aggarwal and Mantosh Biswas
“Discriminative Training using Heterogeneous Feature Vector for Hindi Automatic Speech Recognition System”

8. (10:15-10:30)
Dr. Milad Ghantous – Lebanon (Dean) (Presenter)
#1570383033: Milad Ghantous, Wael Nasserddine, Mohammad Eshker, and Marc Anthony Mannah
“CWAS: A Hybrid Solution for Collision Warning and Avoidance”

Coffee Break (10:30 – 11:00)

**SESSION F – Chair: Dr. Poonam Jindal
(Co-Chair: Dr. Mohamed EID)**

- 9.** (11:00-11:15)
Dr. Waleed Elmeqablah – United Arab Emirates (Presenter)
(1570356536): Waleed Maqableh, Ahmed Qasim, Ahmed Elshamy and Asma
Mohammad AlHamad
“Implementation for Personal Document Processing System”
- 10.** (11:15-11:30)
Dr. Elsayed Elshamy – United Arab Emirates (Presenter)
(1570347962): Elsayed Elshamy, Aziza Ibrahim, Ahmed Qasim, Hisham Hamed,
Mahmoud Abdelghany, and Hamdy Kelash
“Secure VoIP System Based on Biometric Voice Authentication and Nested
Digital Cryptosystem using Chaotic Baker's map and Arnold's Cat Map
Encryption”
- 11.** (11:30-11:45)
Dr. Ahmed Qasim – United Arab Emirates (Presenter)
#1570347962: Ahmed Elshamy, Aziza Ibrahim, Ahmed Qasim, Hisham Hamed,
Mahmoud Abdelghany, and Hamdy Kelash
“Secure Implementation for Video Streams Based on Fully and Permutation
Encryption Techniques”
- 12.** (11:45-12:00)
Kumar Smitha & Talal Shaikh – UAE (Presenters)
#1570374152: Kumar Smitha and Talal Shaikh
“Empirical Evaluation of the Performance of Feature Selection Approaches
on Random Forest”
- 13.** (12:00-12:15)
Prof. Dheyaa Shaheed Azzawi – Iraq (Dean) (Presenter)
#1570331802: Dheyaa Shaheed Sabr Al Azzawy and Ali Neamah
“Electronic Health in The Iraq”
- 14.** (12:15-12:30)
Prof. Diaa Shaheed Sabr Azzawy – Iraq (Dean) (Presenter)
#1570331580: Dheyaa Shaheed Sabr Al Azzawy and Ali Neamah
“Challenges and Opportunities of E-Learning in Iraq”

LUNCH 12:30 – 14:00 (Hatta Restaurant)

**SESSION G–Chair: Dr. Mohamad EID
(Co-Chair Dr. Ahmed Qasim)**

- 15.** (14:00-14:15) – FREE PRESENTATION

16.	(14:15-14:30) Aoun Lutfi – United Arab Emirates (Presenter) #1570347416: Aoun Lutfi and Stefano Fasciani “Towards Automated Optimization of Web Interfaces and Application to E-Commerce”
17.	(14:30-14:45) Dr. Abdel-Rahman Hedar – Saudi Arabia (Presenter) #1570393868: Abdel-Rahman Hedar and Amira Allam “Scatter Search for Simulation-Based Optimization”
18.	(14:45-15:00) Mariam Safar – Kuwait (Presenter) #1570390905: Mariam Safar, Imtiaz Ahmad, and Anwar Alyatama “Energy-Aware Computation Offloading in Wearable Computing”
19.	(15:00-15:15) Dr. Mariam Zomorodi-moghadam – (Presenter) #1570392240: Mafazalyaqeen Mafazalyaqeen Hassoon, Mariam Zomorodi-Moghadam and Mikhak Samadi Kouhi and Moloud Abdar “Rule Optimization of Boosted C5.0 Classification Using Genetic Algorithm for Liver Disease Prediction”
20.	(15:15-15:30) Dr. Mariam Zomorodi-moghadam – (Presenter) #1570392247: Azhar Hussein Alkeshuosh, Mariam Zomorodi-moghadam, Leili Zolfaghari Poor, and Moloud Abdar “Using PSO Algorithm for Producing Best Rules in Diagnosis of Heart Disease”
Coffee Break (15:30 – 16:00)	
SESSION H – Chair: Prof. Daa Shaheed Sabr Azzawy (Co-Chair Dr. Mohamad EID)	
21.	(16:00-16:15) Eng. Passant Abbassi – Egypt (Presenter) #1570393922: Passant Abbassi, Abdelmegid Allam, Niveen Badra and A. El-Rafei “Evolutionary Algorithm Applied to Cross Aperture Coupled Circularly Polarized Microstrip Antenna”
22.	(16:15-16:30) Mr. Sidharth Sunil – Oman (Presenter) #1570380775: Sidharth Sunil, and Smitha Nair “An Educational Augmented Reality App to Facilitate Learning Experience”
23.	(16:30-16:45) Hana Alyahya – Saudi Arabia (Presenter) #1570370830: Hana Alyahya, Mariam Alharthi, Amani Alattas, and Vijeyanathan Thayanathan “Saudi License Plate Recognition System Using Artificial Neural Network Classifier”

24.	<p>(16:45-17:00)</p> <p>Prof. Mohammed ElAffendi – Saudi Arabia (Presenter)</p> <p># 1570359484: Mohammed Elaffendi</p> <p>“Could Virtualization be the Ultimate Solution for ZigBee Security Issues? A Multilevel Security Framework Based on Device Virtualization”</p>
25.	<p>(17:00-17:15) (17:15-17:30) (17:30-17:45) FREE PRESENTATION</p>
<p>DAY 2 - CLOSURE</p>	
<p>CONCLUSION & CONFERENCE CLOSURE</p>	