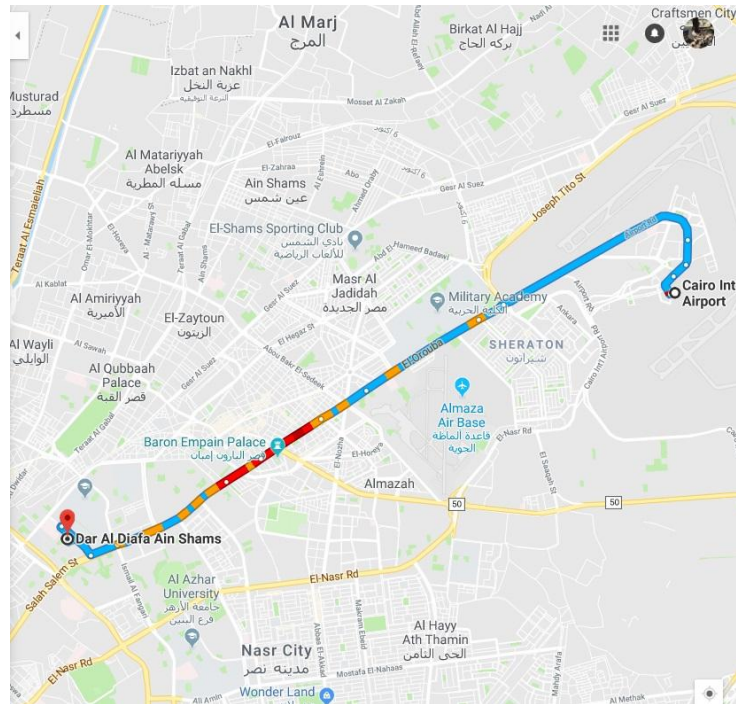
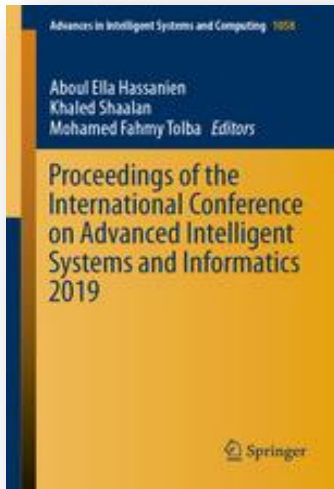


<https://www.springer.com/gb/book/9783030311285>



The 1 st day 26 October 2019 Registration 8.00- 05.00	
9.00-9.45	<p>Welcome Message</p> <p>Professor Mohamed Fahmy Tolba, and Keynote speaker</p> <p>Ultrasound reports standardization using rhetorical structure theory and domain ontology by Professor Farid Meziane from the Salford University, UK</p>
10.00-12.00	<p>Session (I) Machine Learning and Applications</p> <p>Session Chair Professor Rania El Gohary</p>
1	Optimizing Self-Organizing Maps Parameters Using Genetic Algorithm: A Simple Case Study Reham Fathy M. Ahmed, Cherif Salama and Hani Mahdi
2	Rough Sets Based on Possibly Indiscernible Classes in Incomplete Information Tables with Continuous Values By Michinori Nakata, Hiroshi Sakai, and Keitarou Hara
3	Intelligent Watermarking System Based on Soft Computing Maha F. Hany, Bayumy A. B. Youssef, Saad M. Darwish and Osama Hosam
4	Predicting Student Retention Among a Homogeneous Population Using Data Mining Ghazala Bilquise, Sherief Abdallah, and Thaeer Kobbaey
5	A neuro-fuzzy based approach for energy consumption and profit operation forecasting Mohamed A. Wahby Shalaby, Nicolas Ramirez Ortiz and Hossam Hassan Ammar
6	Feature Extraction Using Semantic Similarity Eman M. Aboelela, Walaa Gad and Rasha Ismail
7	Big data analytics concepts, technologies challenges, and opportunities Noha Shehab, Mahmoud Badawy and Hesham Arafat

8 (Keynote speaker)	Plantar Fascia Ultrasound Images Characterization and Classification Using Support Vector Machine Abdelhafid Boussouar, Farid Meziane and Lucy Anne Walton
12.20-02.30	Session (II) Control Systems and Deep Learning Session Chair: Professor Ali Wagdy
1	A Novel EEG Classification Technique Based on Particle Swarm Optimization for Hand and Finger Movements by Nourhan Wafeek, Roaa I.Mubarak and Mohamed E.Elbably
3	An Efficient Organizations' Bitcoin Wallet Signature Scheme Shereen M. Mahgoub, Fatty M. Salem, and I. I. Ibrahim
4	Experimental Procedure for Evaluation of Visuospatial Cognitive Functions Training in Virtual Reality by Stefan Korečko, Branislav Sobota, Mari'an Hud'ak1, Igor Farkaš, Barbora Cimrov'a, Peter Vasi' l and Dominik Troj'c'ak
5	A Novel Automatic CNN Architecture Design Approach based on Genetic Algorithm Amr AbdelFatah Ahmed, Saad M. Saad Darwish and Mohamed M. El-Sherbiny
6	Machine and Deep Learning Algorithms for Twitter Spam Detection Dalia Alsaffar, Amjad Alfahhad, Bashaier Alqhtani, Lama Alamri, Shahad Alansari, Nada Alqhtani, and Dabiah A. Alboaneen
7	Heartbeat Classification using 1D Convolutional Neural Networks Abdelrahman M. Shaker, Manal Tantawi, Howida A.Shedeed and Mohamed F.Tolba
8	A Transfer Learning Approach for Emotion Intensity Prediction in Microblog Text by Mohamed Osama and Samhaa R. El-Beltagy
2.30-3.30 Lunch	
3.30-5.5.30	Session (III): Sentiment Analysis, E-learning and Social media Education Session Chair: Dr. Nour Eldin mahmoud
1	A Modified Fuzzy Sentiment Analysis Approach Based on User Ranking Suitable for Online Social Networks by Magda M. Madbouly , Reem Essameldin and Saad Darwish
2	Toward the Automatic Correction of Short Answer Questions Zeinab E. Attia, W. Arafa, and M. Gheith
3	Statistical Metric-Theoretic Approach to Activity Recognition Based on Accelerometer Data by Walid Gomaa
4	High Efficient Haar Wavelets for Medical Image Compression E. A. Zanaty and Sherif M. Ibrahim
5	Modified Value-and-Criterion Filters for Speckle Noise Reduction in SAR Images by Ahmed S. Mashaly and Tarek A. Mahmoud
6	Heart rate measurement using remote Photoplethysmograph based on skin segmentation by Somaya Abdel-Khier.M, Osama A.omer and Hamada Esmale
The 2nd Day 27 October 2019	
9.00-11.00	Session (I): Intelligent Systems Session chair: Professor Aboul Ella Hassanien
1	Ontology-based Food Safety Counseling System Yasser A.Ragab Essam F.Elfaqhrany and Ashraf M.Sharoba
2	An Efficient Novel Algorithm for Positioning a Concrete Boom Pump Mohammad Fathy, Mustafa M. Shipile · Mostafa R. A. Atia
3	A Literature Review of Quality Evaluation of large-Scale Recommendation Systems Techniques Hagar ElFiky, Wedad Hussein and Rania El Gohary
4	A Conceptual Framework for the Generation of Adaptive Training Plans in Sports Coaching Laila Zahran, Mohammed El-Beltagy and Mohamed Saleh
5	Synonym Multi-Keyword Search over Encrypted Data Using Hierarchical Bloom Filters Index Azza A. Ali and Shereen Saleh

6	GloSOPHIA: An Enhanced Textual Based Clustering Approach by Word Embeddings Ehab Terra, Ammar Mohammed and Hesham A. Hefny
11.00-1.00	Session (II) Informatics Session chair: Professor Ashraf Darwish
1	Assessing the Performance of E-government Services Through Multi-Criteria Analysis: The Case of Egypt by Abeer Mosaad Ghareeb, Nagy Ramadan Darwish and Hesham A. Hefny
2	SQL Injection Attacks Detection and Prevention Based on Neuro –fuzzy technique by Doaa E. Nofal and Abeer A. Amer
3	An Adaptive Plagiarism Detection System Based on Semantic Concept and Hierarchical Genetic Algorithm by Saad M. Darwish and Mayar M. Moawad
4	Anti-Jamming Cooperative Technique for Cognitive Radio Networks: A Stackelberg Game Approach Reham M. Al-Hashmy, Mohamed AbdelRaheem and Usama S. Mohamed
5	Geometry Aware Scheme for Initial Access and Control of MmWave Communications in Dynamic Environments by Ahmed S. Mubarak, Osama A. Omer, Hamada Esmail and Usama S. Mohamed
6	IoTWC: IoT Industrial Wireless Controller by Tassnim Awad, Walaa Mohamed, and Mohammad M. Abdellatif
2-3	Lunch
3.00-5.00	Session (III) Mobil Computing, Networking, and Cryptology Session Chair: Professor Saad M. Darwish
1	Mobile Intelligent Interruption Management: A New Context-Aware Fuzzy Mining Approach by Saad M. Darwish, Ahmed E. El-Toukhy, and Yasser M. Omar
2	Hybrid Parallel Computation for Sparse Network Component Analysis Dina Elsayad, Safwat Hamad, Howida A. Shedeed, and M. F. Tolba
3	An Efficient Hybrid Approach of YEAH with Multipath Routing (MP-YEAH) for Congestion Control in High-Speed Networks Nermeen Adel, Ghada Khoriba and Rowayda Sadek
4	NCtorrent: Peer to Peer File Sharing over Named Data Networking using Network Coding Aya A. Gebriel, Taha M. Mohamed, and Rowayda A. Sadek
5	Using Resampling Techniques with Heterogeneous Stacking Ensemble for Mobile App Stores Reviews Analytics Ahmed Gomaa, Sara El-Shorbagy, Wael El-Gammal, Mohamed Magdy and Walid Abdelmoez
6	Performance Evaluation of mm-Wave RoF Systems Using APSK Modulation Ahmed A. Mohamed, Abdou Ahmed and Osama A. Omer
7	Key Point Detection Techniques Abdelhameed S. Eltanany, M. SAFy Elwan, and A. S. Amein
8	A Universal Formula for Side-lobes Removal Optimum Filter in Multi-Samples Phase Coded Pulse Compression Radars by Ibrahim M Metwally, Abd El Rahman H Elbardawiny , Fathy M Ahmed and Hazem Z Fahim

Poster Session

Day (1)

- 1- *Direct Torque Control of three phase Asynchronous motor with sensorless speed estimator Arezki Fekik, Hakim Denoun, Ahmad Taher Azar, Nashwa Ahmad Kamal, Mustapha Zaouia, Nacera Yassa and Mohamed Lamine Hamida*

- 2- *Robust H-Infinity Decentralized Control for Industrial Cooperative Robots* Ahmad Taher Azar, Fernando E. Serrano, Ibrahim A. Hameed, Nashwa Ahmad Kamal and Sundarapandian Vaidyanathan
- 3- *Adaptive Terminal-Integral Sliding Mode Force Control of Elastic Joint Robot Manipulators in the Presence of Hysteresis* by Ahmad Taher Azar, Fernando E. Serrano, Anis Koubaa, Nashwa Ahmad Kamal, Sundarapandian Vaidyanathan and Arezki Fekik
- 4- *Controlling Chaotic System via Optimal Control* by Shikha Singh, and Ahmad Taher Azar
- 5- *Implementation of PID Controller with PSO Tuning for Autonomous Vehicle* By Ahmad Taher Azar, Hossam Hassan Ammar, Zahra Fathy Ibrahim, Habiba A. Ibrahim, Nada Ali Mohamed and Mazen Ahmed Taha
- 6- *Tuning of PID controller using Particle Swarm Optimization for cross flow heat Exchanger based on CFD System Identification* by Omar Khaled Sallam, Ahmad Taher Azar, Amr Guaily and Hossam Hassan Ammar
- 7- *Design and implementation of a ball and beam PID control system based on metaheuristic techniques* by Ahmed Taher Azar, Nourhan Ali, Sarah Makarem, Mohamed Khaled Diab and Hossam Hassan Ammar
- 8- *Convolutional Neural Networks for Biological Sequence Taxonomic Classification: A Comparative Study* by Marwah A. Helaly, Sherine Rady, and Mostafa M. Aref
- 9- *Image Protection against Forgery and Pixel Tampering based on a Triple Hybrid Security Approach* by Ahmad M. Nagm, Mohamed Torky, Mohammed Mahmoud Abo Ghazala, and Hosam Eldin Fawzan Sayed

Day 2

- 10- *Cyber-Physical Systems in Smart City: Challenges and Future Trends for Strategic Research* by Mazen Juma and Khaled Shaalan
- 11- *Intelligent transport systems and its challenges* by Elezabeth Mathew
- 12- *Attribute-based data retrieval with keyword search over encrypted data in cloud* by Azza A. Ali , and Shereen Saleh
- 13- *Analysis of substitutive fragile watermarking techniques for 3D model authentication* by Kariman M.Mabrouk, Noura A.Semary and Hatem Abdul-Kader
- 14- *Examining the effect of Knowledge Management factors on Mobile Learning adoption through the use of Importance-Performance Map Analysis (IPMA)* by Mostafa Al-Emran and Vitaliy Mezhuayev
- 15- *TCAIOSC: Trans-Compiler Based Android to iOS Converter* by David I. Salama , Rameez B. Hamza, Martina I. Kamel, Ahmad A. Muhammad and Ahmed H. Yousef
- 16- *Student Sentiment Analysis Using Gamification for Education Context* by Lamiaa Mostafa
Cyber Security Risks in MENA Region: Threats, Challenges and Countermeasures by Ahmed A. Mawgoud, Mohamed Hamed N. Taha, Nour Eldeen M. Khalifa and Mohamed Loey
Particle Swarm Optimization and Grey Wolf Optimizer to Solve Continuous p-Median Location Problems by Hassan Mohamed Rabie