

The 6th ICCKE Program

October 20, 2016

Morning Session	07:45 – 08:00	Opening
	08:00 – 09:00	Keynote Speech 1
	09:00 – 10:30	Sessions (A1, A2, A3)
	10:30 – 10:45	Break
	10:45 – 12:30	Sessions (B1, B2, B3)
	12:30 – 14:00	Launch Break
Afternoon Session	14:00 – 15:00	Keynote Speech 2
	15:00 – 16:45	Sessions (C1, C2, C3)
	16:45 – 17:00	Break
	17:00 – 19:00	Sessions (D1, D2, D3)
	19:00 – 19:30	Closing

Session	Topics (# of accepted papers)	Chairs	Session Title	Paper Count	Paper Ids
A1	Bioinformatics (1) Human Computation and Crowdsourcing Systems (2) Data Quality: Analysis and Assessment (1)	Prof. Naghibzadeh Dr. Behkamal	Bioinformatics, Crowdsourcing and Data Quality	4	200, 248, 171, 100
A2	Software Engineering (2) Semantic Web and NLP (2)	Prof. Kahani Dr. Rasoolzadegan	Software Engineering and Semantic Web	4	64, 28, 111, 112
A3	Video Analysis and Processing (1) Visual Recognition: Categorization, Detection and Indexing (2) Medical Image Processing (1)	Dr. Vahedian Dr. Fazl-Ersi	Computer Vision	4	185, 142, 122, 149
B1	Medical Image Processing (5)	Dr. Pourreza Dr. Taherinia	Medical Image Processing	5	196, 113, 226, 35, 217
B2	Pattern Recognition and Applications (5)	Prof. Sadoghi-Yazdi Dr. Harati	Pattern Recognition and Applications	5	231, 191, 129, 17, 246
B3	Parallel Programming and Architecture (2) Dependable and Real-time Embedded Systems (3)	Dr. Savadi Dr. Sedaghat	Embedded Systems and Parallel Programming	5	210, 156, 236, 164, 182
C1	Computer Security and Cryptology (5)	Dr. Ghaemi Bafghi Dr. Amintoosi	Computer Security and Cryptology	5	33, 169, 16, 81, 212
C2	Machine Learning (5)	Dr. Monsefi Dr. Ghiasi-Shirazi	Machine Learning – 1	5	26, 79, 88, 175, 207
C3	Grid and Cloud Computing (5)	Dr. Abrishami Dr. Ensan	Grid and Cloud Computing	5	186, 125, 139, 154, 228
D1	Soft Computing (2) Evolutionary Computation and Metaheuristic Optimization Methods (4)	Prof. Akbarzadeh T Dr. Rouhani	Soft Computing	6	121, 103, 128, 21, 18, 150
D2	Machine Learning (5)	Dr. Monsefi Dr. Ghiasi-Shirazi	Machine Learning – 2	5	92, 176, 205, 181, 219
D3	Applications of ICT in Smart Grid (1) Wireless Ad-hoc and Sensor Networks (5)	Prof. Yaghmaee Dr. Hosseini Seno	Wireless Sensor Networks and Smart Grid	6	242, 188, 158, 137, 82, 127

Session: A1

Id	Paper Title	Authors
200	A Combined SVM and Markov Model approach for Splice Site Identification	E. Pashaei, A. Yilmaz, N. Aydin
248	A Survey on Participant Recruitment in Crowdsensing Systems	H. Amintoosi, M. Davari
171	Quality of Claim Metrics in Social Sensing Systems: A case study on IranDeal	P. Taghizadeh Naderi, H. Tabatabaee Malazi, M. Ghassemian, H. Haddadi
100	Big Data Roadmaps for Small and Medium Enterprises (SMEs)	R. Shokri

Session: A2

Id	Paper Title	Authors
64	Bidirectional Model Transformation Approaches A Comparative Study	L. Samimi-Dehkordi, B. Zamani, S. Kolahdouz-Rahimi
28	Towards a Tracing Framework for Model-Driven Software Systems	F. Hojaji, B. Zamani, A. Hamou Lhadj
111	Modular-based Measuring Semantic Quality of Ontology	M. Ardakani Movaghati, A. Abdollahzadeh Barforoush
112	Monotonic filter for hierarchical translation models	S. Salami, M. Shamsfard

Session: A3

Id	Paper Title	Authors
185	Anomaly and tampering detection of cameras by providing details	S.M. Hosseini, A.H. Taherinia
142	A New Approach In Single Image Super Resolution	S. Sarmadi, Z. Shamsa
122	Improving Person Recognition by Weight Adaptation of Soft Biometrics	S. Gharghabi, B. Azari, F. Shamshirdar, R. Safabakhsh
149	Wavelet Based Single Trial Event Related Potential Extraction in Very Low SNR Conditions	S. Mortaheb, F. Rostami, S. Shahin, R. Amirfattahi

Session: B1

Id	Paper Title	Authors
196	Accurate Automatic Localisation of Lung Nodules using Graph Cut and Snakes Algorithms	N. Mirderikvand, M. Naderan, A. Jamshidnezhad
113	Automatic Recognition of white blood cells using Weighted Two Phase Test Sample Sparse Representation	A. Khoshdel, H. Talebi, A. Davoudi, A. Mohammadi, M.B. Menhaj, M. Ghorbani
226	Design and implementation of a new algorithm to count white blood cells using machine vision system	Z. Khandan Khadem Alreza, A. Karimians
35	Feature weighting for cancer tumor detection in mammography images using gravitational search algorithm	F. Shirazi, E. Rashedi
217	Automatic Graph-Based Method for Classification of Retinal Vascular Bifurcations and Crossovers	Z. Ghanaei

Session: B2

Id	Paper Title	Authors
231	An improved density peaks method for data clustering	S.A. Seydi, A. Lotfi, P. Moradi
191	Detection of Hypernasality from Speech Signal Using Group Delay and Wavelet Transform	A. Mirzaei, M. Vali
129	Face recognition based on modified discriminant independent component analysis	M. Mollae, M.H. Moattar
17	Persian Offline Signature Verification Based on Curvature and Gradient Histograms	A. Soleimani Bajestani, K. Fouladi, B.N. Araabi
246	Training LDICRF model on unsegmented sequences using Connectionist Temporal Classification	A. Ahooye Atashin

Session: B3

Id	Paper Title	Authors
210	A Dynamic Special-Purpose Scheduler for Scheduling Concurrent Kernels on GPU	R. Mohammadi, K. Shekofteh, M. Naghibzadeh, H. Noori
156	Parallelization of a Color DCT Watermarking Algorithm using a CUDA-based Approach	A. Ahmadi Mohammadabadi, A. Chalechale
236	ASIP Design for Two Dimensional Cordic based DFT and DCT Algorithms	M. Pivezhandi, M. Eshghi
164	Cool Elevator: A Thermal-Aware Routing Algorithm for Partially Connected 3D NoCs	E. Taheri, A. Patooghy, K. Mohammadi
182	Improving Stateful Robustness Testing of Embedded Real-Time Operating System	R. Shahpasand, Y. Sedaghat, S. Paydar

Session: C1

Id	Paper Title	Authors
33	A Model for Evaluating Trust between Users in Social Networks Based on Subjective Logic	M. Zohreie, H. Shakeri
169	A New Anonymous Unlinkable Mobile Payment Protocol	F. Zamanian, H. Mala
16	MetaSPD: Metamorphic Analysis for Automatic Software Piracy Detection	A. Khalilian, H. Golbaghi, A. Nourazar, H. Haghighi, M. Vahidi-Asl
81	Network Security Risk Analysis Using Attacker's Behavioral Parameters	H. Ketabdar, R. Rezaee, A. GhaemiBafghi, M. Khosravi-Farmad
212	A Threat Risk Estimation Model for Computer Network Security	R. Rezaee, A. Ghaemi Bafghi, M. Khosravi-Farmad

Session: C2

Id	Paper Title	Authors
26	A Fuzzy Decision Tree Approach for Imbalanced Data Classification	S. Sardari, M. Eftekhari
79	A New Method for Classification of POLSAR Images	N. Aghayi, G. Akbarizadeh
88	A New Method to Improve Classification Accuracy of Fused RADAR and Optical Data	D. Karimi, K. Rangzan, G. Akbarizadeh, M. Kabolizadeh
175	Classification of Iranian Paintings Using Texture Analysis	S. Keshvari, A. Chalechale
207	Hierarchical Cooperation of Experts in Learning from Crowds	M. Esmaily, S. Abbaasi, H. Sadoghi Yazdi, R. Monsefi

Session: C3

Id	Paper Title	Authors
186	A Centralized Reinforcement Learning Method for Multi-agent Job Scheduling in Grid	M. Moradi Vastegani
125	Data center Task Scheduling Through Biogeography-Based Optimization Model With the Aim of Reducing Makespan	A. Abbasi, Mohammad R. Khayyambashi, H. Khosravi-Farsani
139	HFIaaS: a proposed FPGA IaaS framework using HLS	M. Asghari
154	Multi-level Intrusion detection system in cloud environment based on trust level	Z. Salek Shahrezai, F. Mousavi Madani
228	PPRA: A new pre-fetching and prediction based replication algorithm in data grid	A. Toroghi, M. Beigrezai, M.R. Meybodi

Session: D1

Id	Paper Title	Authors
121	Intelligent Active Force Control of a Helicopter Seat Suspension using Iterative Learning Algorithm	S. Ahmadi, M. Gohari, M. Tahmasebi
103	Multi-Objective Mobile Robot Path Planning Based on A* Search	K. Jeddisaravi, R. Javanmard Alitappeh, F. Gadelha Guimaraes
128	Multi-objective Estimation of Distribution algorithm based on Voronoi and Local search	E. Mohagheghi, M. Akbarzadeh Totonchi
21	Using fuzzy c-means clustering algorithm for common lecturers timetabling among departments	H. Babaei, J. Karimpour, H. Oroji
18	Intelligent Fault Diagnosis of Induction Motors Based on Multi-Objective Feature Selection Using NSGA-II	A.H. Arjmand Monfared, N. Sargolzaei
150	An Energy Efficient Metaheuristic Method for Micro Robots Indoor Area Coverage Problem	S. Saeedvand, H.S. Aghdasi

Session: D2

Id	Paper Title	Authors
92	Implementation of Artificial Features in Improvement of Biometrics Based PPG	S. Panahi Moghadam, S. Rashidi
176	Robust Crowdsourcing-based Linear Regression	S. Abbaasi, E. Shams Davodly, M. Mohammadi
205	TI-QSSVM: Two Independent Quarter Sphere Support Vector Machine for binary classification	R. Rezvani, R. Monsefi
181	Towards an Spiking Deep Belief Network for Face Recognition Application	M. Fatahi, M. Ahmadi, A. Ahmadi, M. Shahsavari, P. Devienne
219	Weighted Semi-Supervised Manifold Clustering via sparse representation	A. Abedi

Session: D3

Id	Paper Title	Authors
242	Modeling SIP Normal Traffic to Detect and Prevent SIP-VoIP Flooding Attacks Using Fuzzy Logic	M. Hosseinpour, M.H. Yaghmaee Moghaddam, S.A. Hoseini Seno, H. Khosravi Roshkhari
188	A Replication Dilemma Game for Cooperative Data Replication in Ad Hoc Networks	A. Tajali, N. Sedigh, S.A. Hoseini Seno
158	Antenna Selection: A Novel Approach to Improve Energy Efficiency in Massive MIMO Systems	M. Arash, E. Yazdian, M. Fazel
137	Distributed Weighted Averaging-Based Robust Cubature Kalman Filter for State Estimation of Nonlinear Systems in Sensor Networks	B. Safarinejadian, F. Mohammadnia
82	Investigating and Evaluating Energy-Efficient Routing Protocols in Wireless Sensor Networks	M. Manouchehri
127	Research on A Location-based Task Assignment for Mobile Sensing	L. Wang, S. Wang