

Summary Time Table



Shiraz University



انجمن کامپیوتر ایران
Computer Society of Iran

AISP 2017
CSSE 2017

Artificial Intelligence and Signal Processing
Computer Science and Software Engineering

CSI International Symposium

Program					Time	Wednesday - October 25th
Registration and Reception					7:30 - 8:30	
Opening Ceremony Keynote: Prof. Ali Mohammad-Djafari (Kharazmi Hall)					8:00 - 10:00	
Break					10:00 - 10:30	
Oral Paper Presentation Sessions					10:30 - 12:00	
CSSE 1 (Hafez Hall)	AISP 1 (Sadri-1 Hall)	AISP 2 (Sadri-2 Hall)	AISP 3 (Saadi Hall)			
Lunch Break					12:30 - 14:00	
Keynote: Prof. Kai Rannenber (Hafez Hall)		Keynote: Prof. Vincenzo Piuri Prof. Alexander Wong (Saadi Hall)			14:00 - 15:30	
Break					15:30 - 16:00	
Oral Paper Presentation Sessions					16:00 - 18:00	
CSSE 2 (Hafez Hall)	AISP 4 (Sadri-2 Hall)	AISP 5 (Sadri-1 Hall)	AISP 6 (Saadi Hall)			
Technical Panel (Sadri-2 Hall)					18:00 - 19:00	
Oral Paper Presentation Sessions					8:00 - 10:00	
CSSE 3 (Hafez Hall)	AISP 7 (Sadri-2 Hall)	AISP 8 (Sadri-1 Hall)	AISP 9 (Saadi Hall)			
Break					10:00 - 10:30	
Oral Paper Presentation Sessions					10:30 - 12:30	
CSSE 4 (Hafez Hall)	CSSE 5 (Motahari's Hall)	AISP 10 (Sadri-2 Hall)	AISP 11 (Sadri-1 Hall)	AISP 12 (Saadi Hall)		
Lunch Break					12:30 - 14:00	
Keynote: Prof. Ernesto Damiani Prof. Masoud Makrehchi Prof. Ali Ghodsi (Hafez Hall)					14:00 - 16:30	
Closing Ceremony (Kharazmi Hall)					17:00 - 18:30	

Thursday - October 26th



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Wednesday - October 25th
10:30 - 12:30

AISP 1 Session Chair: **Dr. Elham Parvinnia, Dr. Mostafa Fakhrahmad**

Seyed Muhammad Hossein Mousavi, S.Younes Mirinezhad, Mehrdad Shafae Mosleh and Mir Hossein Dezfoulian, **A PSO Fuzzy-Expert System: As an Assistant for Specifying the Acceptance by NOET Measures, at PHD Level**

Fatemeh Kaveh Madavani, Mohadese Soleimanpour and Siamak Talebi, **On the Optimal Subcarrier and Power Allocation Scheme for a Two Relay Network in LTE- Advanced**

Samira Hadavi, Mohadese Soleimanpour and Siamak Talebi, **Power Allocation Optimization of OFDM-Based In Cognitive Multi-Node Relay Networks subject to Power Amplifier Nonlinearity**

Rahim Taheri and Reza Javidan, **Spam Filtering in SMS using Recurrent Neural Networks**

Farnush Manavi and Ali Hamzeh, **A New Method for Malware Detection Using Opcode Visualization**

Saeed Akhavan and Hamid Soltanian-Zadeh, **Topology Tracking of Static and Dynamic Networks based on Structural Equation Models**

AISP 2 Session Chair: **Dr. Mansour Vaali, Dr. Alireza Kazemi**

Rasool Sabzi, Zahra Fotoohinya, Zeinab Salkhorde, Abdullah Khalili, Shahram Golzari, Sajjad Behravesht and Shahin Akbarpour, **Recognizing Persian Handwritten Words Using Deep Convolutional Networks**

M.Hadi Sepanj and Zohreh Azimifar, **N-scan δ -Generalized Labeled Multi-Bernoulli-Based Approach for Multi-Target Tracking**

Fahim Shabanzade and Hassan Ghassemian, **Combination of Wavelet and Contourlet transforms for PET and MRI Image Fusion**

Sepehr Samavati, Mojtaba Zarei and Mehdi Tale Masouleh, **An Optimal Motion Planning and Obstacle Avoidance Algorithm Based on the Finite Time Velocity Obstacle Approach**

Masoud Dadgar, Micael S.Couceiro and Ali Hamzeh, **RDPSO Diversity Enhancement Based on Repulsion between Similar Ions for Robotic Target Searching**

Farzam Kharajinezhadian and Saeid Rashidi, **Melanoma Skin Cancer Detection using Color and New Texture Features**

AISP 3 Session Chair: **Dr. Reza Boostani, Dr. Mohammad Bagher Dastghaib**

Amin Rahmani, **Adapting Google Translate for English-Persian Cross-Lingual Information Retrieval in Medical Domain**

Shohreh Tabatabayiseifi and Iman Sarraf, **SAZEH: A Wide Coverage Persian Constituency Tree Bank and Parser**

Farnoush Bayatmakou, Abbas Ahmadi and Azadeh Mohebi, **Automatic Query-Based Keyword and Keyphrase Extraction**

Bagher Rahimpour Cami, Hamid Hassanpour and Hoda Mashayekhi, **Inferring User Preference Using Distance Dependent Chinese Restaurant Process and Weighted Distribution for a Content Based Recommender**

Ali Vardasbi, Hesham Faili and Masoud Asadpour, **Eigenvalue Based Features for Semantic Sentence Similarity**

Iren Mazloomzadeh, Mostafa Fakhrahmad and Mohammad Hadi Sadreddini, **A Proposed Open-Domain Factoid Question Answering System for Noisy and Ambiguous Knowledge-Bases**



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Wednesday - October 25th

16:00 - 18:00

AISP 4

Session Chair: **Dr. Kourosh Ziarati, Dr. Elham Parvinnia**

Seyed Muhammad Hossein Mousavi, S.Younes Mirinezhad and Mir Hossein Dezfoulian, **Galaxy Gravity Optimization(GGO) An Algorithm for Optimization, Inspired by Comets Life Cycle**

Kimia Bazargan Lari and Ali Hamzeh, **Kim: A New Structure for Optimization Problems**

Asghar Amir Safavi, Manoochehr Kelarestaghi and Farshad Eshghi, **Gene Expression Programming with a Local Search Operator**

Mahin Shabani-Kordshooli, Bahareh Nikpour and Hossein Nezamabadi-Pour, **Proposing a method based on gravitational search algorithm to improve gravitational fixed radius nearest neighbor for imbalanced problem**

Hamid Bostani, Mansour Sheikhan and Behrad Mahboobi, **Developing a Fast Supervised Optimum-path Forest Based on Corset**

Payam Zahadat and Thomas Schmickl, **Evolving Vascular Morphogenesis Controller to Demonstrate Locomotion**

AISP 5

Session Chair: **Dr. Reza Sameni , Dr. Azadeh Mohebbi**

Reza Naeimi Marandi and Hassan Ghassemian, **A New Feature Extraction Based on Rotation Moment Invariants for Hyperspectral Image**

Mehdi Ghamchili and Hassan Ghassemian, **Panchromatic and Multispectral images Fusion Using Sparse Representation**

Niloofer Tavakolian, Azadeh Nazemi and Zohreh Azimifar, **Authentication Based on Face Recognition under Uncontrolled Conditions**

Meysam Lotfi and Hassan Ghassemian, **An Improved Cartoon+Texture Decomposition Based Pansharpening Method**

Mojtaba Bahrami and Neda Faraji, **Speech Enhancement by Minimum Mean-Square Error Spectral Amplitude Estimation Assuming Weibull Speech Priors**

Sahar Mirzayi, Fattaneh Taghiyareh and Faria Nassiri-Mofakham, **The Effect of Online Opponent Modeling on Utilities of Agents in Bilateral Negotiation**

AISP 6

Session Chair: **Dr. Mostafa Fakhrahmad , Dr. Reza Akbari**

Sadegh Eskandari, **Online Streaming Feature Selection: a Review**

Elmira Amiri Souri, Azadeh Mohebi and Abbas Ahmadi, **Genetic Algorithm and Fuzzy C-Means for Feature Selection Based on a Dual Fitness Function**

Amir H. Khabbaz, Ali A. Pouyan, Mansoor Fateh and Vahid Abolghasemi, **An adaptive RL Based Fuzzy Game for Autistic Children**

Mahdi Vasighi and Samira Abbasi, **Multiple Growing Self-Organizing Map for Data Classification**

Haleh Homayouni and Eghbal Mansoori, **Comparison of Different Objects in Multi-objective Ensemble Clustering**

Shima Esmaeili, Mohadese Soleimanpour-Moghadam and Siamak Talebi, **A new efficient optimization approach for Green Cognitive Radio-based Cooperative Networks**

Thursday - October 26th
8:00 - 10:00

AISP 7

Session Chair: **Dr. Reza Boostan, Dr. Eghbal Mansouri**

Farzam Kharajinezhadian and Saeid Rashidi, **Breast Cancer Detection without Removal Pectoral Muscle by Extraction Turn Counts Feature**

Behnaz Moragheb, Seyed Mostafa Fakhrahmad and Mohammad Hadi Sadreddini, **A Proposed Fuzzy Recommender System based on Subjective, Objective and Virtual Greedy Users' Viewpoint**

Amirali Kazeminejad, Soroosh Golbabaie and Hamid Soltanian-Zadeh, **Graph Theoretical Metrics and Machine Learning for Diagnosis of Parkinson's Disease Using rs-fMRI**

Milad Ghorbani, Fatemeh Kakavandi and Mehdi Tale Masouleh, **An Experimental Study on a Learning-based Approach for the Push Recovery of NAO Humanoid Robot**

Nazanin Bakhshinejad and Ali Hamzeh, **A New Compression Based Method for Android Malware Detection Using Opcodes**

Maryam Mohammadi and Ali Hamzeh, **Proposing an Efficient Approach for Malware Clustering**

AISP 8

Session Chair: **Dr. Reza Rouhani**

Maliheh Miri, **Face Verification in the Wild using Similarity in Representations**

Alireza Bosaghzadeh and Seidfarbod Seidali Routh, **A Novel PCA perspective mapping for robust lane detection in urban streets**

Mohsen Eshghanmalek, Zohreh Azimifar and Reza Boostani, **Age-Based Human Face Image Retrieval Using Zernike Moments**

Mona Izadi, Zohreh Azimifar and Gholam-Hossein Jowkar, **Abnormal Event Detection in Indoor Video using Feature Coding**

Hajar Yousefi, Azadeh Nazemi and Zohreh Azimifar, **Dictionary Learning using LLC for Locally Anomaly Detection in Crowded Scenes**

Seyed Mohamad Bagher Sajadi and Behrouz Minaei, **Arabic Named Entity Recognition Using Boosting Method**

AISP 9

Session Chair: **Dr. Mansour Vaali**

Zeinab Daavarani Asl, Vali Derhami and Mahdi Yazdian-Dehkordi, **A New Approach on Multi-Agent Multi-Objective Reinforcement Learning based on Agents' Preferences**

Homeira Shahparast and Eghbal Mansoori, **An Online Fuzzy Model for Classification of Data Streams with Drift**

Sam Hamzelo and Mansoor Zolghadri Jahromi, **An Incremental Fuzzy Controller for Large Dec-POMDPs**

Hossein Karami and Mohammad Taheri, **A Novel Framework to Generate Clustering Algorithms based on a Particular Classification Structure**

Ali Haghpanah and Mohammad Taheri, **A Non-parametric Mixture of Gaussian Naive Bayes Classifiers based on Local Independent Features**

Seyed Amjad Seyedi, Parham Moradi and Fardin Akhlaghian Tab, **A Weakly-Supervised Factorization Method with Dynamic Graph Embedding**



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10:30 - 12:00

AISP 10 Session Chair: **Dr. Hooman Tahayori , Dr. Mohammad Ebrahim Samie**

Vahid Azimirad, Mahdiyeh Hajibabazadeh and Parviz Shahabi, **A New Brain-Robot Interface System based on SVM-PSO Classifier**

Mahya Mohammadi Kashani and S. Hamid Amiri, **Leveraging Deep Learning Representation for Search-based Image Annotation**

Najmeh Fayyazifar and Najmeh Samadiani, **Parkinson's Disease Detection Using Ensemble Techniques and Genetic Algorithm**

Mahshid Majd and Reza Safabakhsh, **Impact of Machine Learning on Improvement of User Experience in Museums**

Peyman Rahmani, **A Reversible Data Hiding Scheme based on Prediction-Error Expansion Using Pixel-based Pixel Value Ordering Predictor**

Ebrahim Sayahi and Ali Hamzeh, **A Novel Method to Detect Android Malwares using Locality Sensitive Hashing Algorithms**

AISP 11 Session Chair: **Dr. Reza Sameni**

Aida Soltani, Mohammad Reza Taban and Hamid Saeedi-Sourck, **Two-Stage Spectrum Sensing in Passive Radar**

Asadollah Shahbahrami and Hossein Amiri, **High Performance Implementation of 2D Convolution using Intel's Advanced Vector Extensions**

Ahmad Shoja Yami and Hadi Hadizadeh, **Visual Attention-Driven Wireless Multicasting of Images Using Adaptive Compressed Sensing**

Farhad Parivash, Leila Amuzadeh and Alireza Fallahi, **Design Expanded BCI with Improved Efficiency for VR-embedded Neuro Rehabilitation Systems**

Ali Akbar Ebrahimi, Hamid Reza Abutalebi and Mahmood Karimi, **Improved Cumulant-Based Two-Stage MUSIC Algorithm for the Localization of Mixed Far-Field and Near-Field Sources**

Babak Basiri, Mansour. Vali and Shahram. Agah, **Classification of Normal and Dysphagia in Patients with GERD Using Swallowing Sound Analysis**

AISP 12 Session Chair: **Dr. Eghbal Mansouri**

Golnaz Baghdadi, Farzad Towhidkhalah and Reza Rostami, **A Model of Sequential Prediction in the Brain using an Oscillatory Network**

Omid Yazdani and Ghasem Mirjalili, **A Survey of Distributed Resource Allocation for Device-to-Device Communication in Cellular Networks**

Niloufar Rastin, Mansoor Zolghadri Jahromi and Mohammad Taheri, **Enhancing Multi-label Classification Systems by the Use of Supervised Clustering**

Seyed Mehdi Hazrati Fard and Sattar Hashemi, **Employing Deep Learning and Sparse Representation for Data Classification**

Zahra Ghanbari and Mohammad Hassan Moradi, **Generalized Phase Synchrony using Fuzzified Johansen Test**

Abbas Salami, Mohammad Bagher Khodabakhshi and Mohammad Hasan Moradi, **Fuzzy Transfer Learning Approach for Analysing Imagery BCI Tasks**



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CSSE 1 (Software Engineering)

Session Chair: **Dr. Sadreddini, Dr. Makrehchi**

Reza Gharibi, Amir Hossein Rasekh and Mohammad Hadi Sadreddini. **Locating Relevant Source Files for Bug Reports using Textual Analysis**

Samad Paydar, Mahdi Houshmand and Elham Hayeri. **Experimental Study on the Importance and Effectiveness of Monkey Testing for Android Applications**

Zahra Setoodeh, Seyed Mostafa Fakhrahmad and Seyed Mohammad Reza Moosavi. **Proposing a Model for Plagiarism Detection in Source Codes of Programming Language**

Nasrin Mottaghi and Mohammad Reza Keyvanpour. **Test Suite Reduction Using Data Mining Techniques: A Review Article Software Engineering**

Vahid Etemadi, Omid Bushehrian and Reza Akbari. **Association Rule Mining for Finding Usability Problem Patterns: A Case Study on StackOverflow**

Fateme Zahra Ghazizade and Shiva Vafadar. **A Quantitative Evaluation of Usability in Mobile Applications: An Empirical Study Software Engineering**

Wednesday - October 25th
16:00 - 18:00

CSSE 2 (SE and Cyber Security)

Session Chair: **Dr. Dastgheibifard , Dr. Fakhrahmad**

Hadi Farahani and Shima Nobakhtian. **Composite protocol for optimal-verifiable blind secure quantum computing**

Fatemeh Vares, Mohammad Javad Amiri and Saeed Parsa. **Towards a Model-driven Development of Enterprise Systems**

Masoud Kargar, Ayaz Isazadeh and Habib Izadkhah. **Semantic based Software clustering using hill climbing**

Mürvet Kırıcı and Faezeh Sadat Babamir. **A Digest-based Method for Efficiency Improvement of Security in Biometrical Cryptography Authentication Cyber Security**

Mohammad Mahboob Deylami and Ashkan Sami. **Deception as a Method of Protection Cyber Security**

Abdullah Khalili and Ashkan Sami. **SADCPS: Semi-supervised Attack Detection in Cyber Physical Systems Cyber Security**

Thursday - October 26th
8:00 - 10:00

CSSE 3 (Algorithms and Reliability)

Session Chair: **Dr. Ziarati, Dr. Ghanbari**

Faezeh Sadat Gohari, Fereidoon Shams Aliee and Hassan Haghighi. **A Trust-Aware Group Recommender System using Particle Swarm Optimization**

Ahmad Jalili, Manijeh Keshtgari and Reza Akbari. **Modified Multi-Objective TLBO for Location of Controllers in Software Defined Networks**

Alireza Nikseresht and Koorush Ziarati. **A Nonparametric Algorithm to Estimate True Demand Using Historical Sales Data Algorithm**

Malihe Danesh and Abolfazl Roodgar Saffary. **A novel graph coloring algorithm for solving the exam scheduling problem**

Somayeh Sohrabi, Koorush Ziarati and Morteza Keshtkaran. **A Novel Solving Method for the Orienteering Problem with Hotel Selection**

Ahmad Nasiri Avanaki, Majid Hajatipour and Mohammad Mehdi Ahmadian Marj. **Combination of Fault Tolerant Controller and Gyro Bias Observer in Satellite Attitude Determination**

Thursday - October 26th
10:30 - 12:30

CSSE 4 (Data Mining and Cloud Computing)

Session Chair: **Dr. Tahayori, Dr. Vaali**

Atefeh Safdel, Seyed Mostafa Fakhrahmad and Mohammad Hadi Sadreddini. **Discovering Missing Facts in Knowledge Bases via WordNet Relations**

Mohammad Ehsan Basiri and Arman Kabiri. **Translation is not enough: Comparing Lexicon-based Methods for Sentiment Analysis in Persian**

Mohammad Rasti and Mostafa Fakhrahmad. **A Hybrid Recommender System with Deep Learning**

Mehran Tarahomi and Mohammad Izadi. **A Hybrid Method for Reduction of Energy Consumption in Cloud Networks**

Alireza Meftahi and Seyed Mostafa Fakhrahmad. **A Concept-Based Model for Information Retrieval from Holy Quran**

CSSE 5 (Algorithms)

Session Chair: **Dr. Boostani, Dr. Zahadat**

Omid Bushehrian and Seyyed Yahya Nabavi. **A New Method for Migrating Legacy Applications to the Cloud: A Finite State Process Approach**

Hadi Farahani and Hosein Mahan. **An Alternating Qubit Protocol and Its Correctness Checking**

Fatemeh Shahali, Azadeh Nazemi and Zohreh Azimifar, **Single Sample Face Identification Utilizing Sparse Discriminative Multi Manifold Embedding**

Zahra Fazel, Mahmoud Famouri, Azadeh Nazemi and Zohreh Azimifar, **Quick SIFT (QSIFT), An Approach to Reduce SIFT Computational Cost**