

## ISCIS 2009 Technical Program

September 14, 2009 Monday

	Hall 1	Hall 2	Hall 3
<b>8.00 - 9.00</b>	Registration		
<b>9.00 - 9.15</b>	Opening Session		
<b>9.15 - 9.45</b>	Keynote Speaker 1 <b>Prof. Dr. Erol Gelenbe - <i>Chemical reaction networks and parallel programs: common mathematical models and analytical solutions</i></b>		
<b>9.45- 10.00</b>	Coffee Break		
<b>10.00- 10.45</b>	Keynote Speaker 2 <b>Prof. Dr. David Forsyth - <i>Advances in Computer Vision</i></b>		
<b>10.45- 11.00</b>	Coffee Break		
<b>11.00 - 12.30</b>	WWW Track	Networks, Parallel and Distributed Computing Track I	AI, ML and DM Track I
<b>12.30 - 13.30</b>	Lunch		
<b>13.30 - 15.00</b>	Keynote Speaker 3 <b>Prof. Dr. Meral Özsoyoğlu - <i>Pedigree Data Management and Querying</i></b>		
<b>15.00 - 15.30</b>	Coffee Break		
<b>15.30 - 17.00</b>	Bioinformatics and Bioengineering Track, and Special Session: Biological Data Management, Mining, and Analysis	Computer Vision, Pattern Recognition and Image Processing Track I	Database Management Systems Track
<b>17.00 - 18.00</b>	Poster Sessions I		
<b>18.00 - 20.00</b>	Welcome Reception		

September 15, 2009 Tuesday

	Hall 1	Hall 2	Hall 3
<b>9.30 - 10.30</b>	Keynote Speaker 4 <b>Prof. Dr. Ling Liu - <i>Location Privacy in Location-aware Computing</i></b>		
<b>10.30 - 11.00</b>	Coffee Break		
<b>11.00 - 12.30</b>	Special Session: Software Engineering	Networks, Parallel and Distributed Computing Track II	AI, ML and DM Track II
<b>12.30 - 13.30</b>	Lunch		
<b>13.30 - 15.00</b>	Computer Vision, Pattern Recognition and Image Processing Track II	Special Session: Software Validation and Verification	Special Session: Natural Language Processing, Audio Speech and Language Technologies
<b>15.00 - 15.30</b>	Coffee Break		
<b>15.30 - 17.00</b>	Special Session: Software Quality I	Special Session: Cognitive Cybernetics and Brain Modeling I	Special Session: Computer Graphics
<b>16.30 - 17.30</b>	Poster Sessions II		
<b>19.00 - 23.00</b>	Conference Dinner (Buses leave at 18.00)		

September 16, 2009 Wednesday

	Hall 1	Hall 2	Hall 3
<b>9.00 - 10.30</b>	Special Session: Software Quality II	Special Session: Cognitive Cybernetics and Brain Modeling II	FP7 ICT Theme Call 5 & Call 6 topics  Ezgi Bener  (TUBITAK, EU FP National Coordination Office - ICT NCP for Turkey)
<b>10.30 - 11.00</b>	Coffee Break		
<b>11.00 - 12.30</b>	Computer Vision, Pattern Recognition and Image Processing Track III	Networks, Parallel and Distributed Computing Track III	AI, ML and DM Track III
<b>12.30 - 13.30</b>	Lunch		

## **Computer Vision, Pattern Recognition and Image Processing Track I**

1. 4. Single Stripe Projection Based Range Scanning Of Shiny Objects Under Ambient Light  
Rıfat Benveniste, Cem Ünsalan
2. 33. Video Shot Boundary Detection By Graph-theoretic Dominant Sets Approach  
Emrah Asan, A. Aydın Alatan
3. 36. Image Annotation With Semi-supervised Clustering  
Ahmet Sayar, Fatoş Tünay Yarman Vural
4. 44. An Image-processing Based Automated Bacteria Colony Counter  
Hüseyin Ateş, Ömer Nezh Gerek
5. 46. Template-based Level Set Segmentation Using Anatomical Information: Application To Quadriceps Muscles In Mr Images From The Osteoarthritis Initiative  
Jeffrey Prescott, Mark Swanson, Kimerly Powell, Metin Gurcan, Furqan Haq
6. 47. Interactive Mpeg-4 Videos: An Impress Extension For Mpeg-4 Conversion And A Streaming Architecture For E-learning  
Roberto Iannone, Bruno Carpentieri, Domenico Nunziata

## **Computer Vision, Pattern Recognition and Image Processing Track II**

1. 49. Feature Selection For Person-independent 3d Facial Expression Recognition Using Nsga-ii  
Umut Tekguc, Hamit Soyel, Hasan Demirel
2. 52. A New Histogram Modification Based Robust Image Data Hiding Technique  
YILDIRAY YALMAN, ISMAIL ERTURK
3. 117. Feature Extraction And Discriminating Feature Selection For 3d Face Recognition  
Göksel Günlü, Hasan S. Bilge
4. 125. Recognizing Faces In News Photographs On The Web  
Hilal Zitouni, Muhammed Fatih Bulut, Pınar Duygulu
5. 129. Dynamic Feature Weights With Relevance Feedback In Content-based Image Retrieval  
Esin Guldogan, Moncef Gabbouj
6. 131. Joint Utilization Of Appearance And Geometry For Determining Correspondences  
Medeni Soysal, A. Aydın Alatan, Talha Karadeniz

## **Computer Vision, Pattern Recognition and Image Processing Track III**

1. 149. A New Method For Computer Generated Holography Of 3d Objects  
Muharrem Bayraktar, Meriç Özcan
2. 160. Shape Detection In Images Exploiting Sparsity  
Ali Cafer Gurbuz
3. 169. Halftoning Soft Cores For Low-cost Digital Displays  
Muhammet Erkoc, Arda Yurdakul
4. 174. Plant Image Retrieval Using Color And Texture Systems  
Hanife Kebapci, Berrin Yanikoglu, Gozde Unal

5. 183. Utilization Of Dimensionality Reduction In Stacked Generalization Architecture  
Cuneyt Mertayak
6. 188. Improved Face Recognition System Using Probability Distribution Functions  
Extracted From Wavelet Subbands  
Hasan Demirel, Gholamreza Anbarjafari
7. 225. Ensembled Gabor Nearest Neighbor Classifier For Face Recognition  
Onur DOLU, Kadir KIRTAÇ, Muhittin GOKMEN

### **World Wide Web Track**

1. 61. Text Classification In The Turkish Marketing Domain For Context Sensitive Ad  
Distribution  
Melih Engin, Tolga Can
2. 73. A Microformat Based Approach For Crawling And Locating Services In The  
Egovernment Domain  
Luis Alvarez Sabucedo, Luis Anido Rifón
3. 95. Track Me! A Web Based Location Tracking And Analysis System For Smart Phone  
Users  
Murat Ali Bayir, Murat Demirbas, Ahmet Cosar
4. 98. Efficient K-word Proximity Search  
Chirag Gupta, Gultekin Ozsoyoglu, Z. Meral Ozsoyoglu
5. 145. A Taxonomy Based Semantic Similarity Of Documents Using The Cosine Measure  
Ainura Madylova, Şule Gündüz Öğüdücü
6. 176. Query Smearing: Improving Classification Accuracy And Coverage Of Search  
Results Using Logs  
Andy Chiu, B. Uygur Oztekin

### **Database Management Systems Track**

1. 11. Exploring Queriability Of Encrypted And Compressed Xml Data  
Islam Elgedawy, Biplav Srivastava, Sumit Mittal
2. 63. An Evolutionary Genetic Algorithm For Optimization Of Distributed Database  
Queries  
Ender Sevinç, Ahmet Coşar
3. 70. Employing Named Entities For Semantic Retrieval Of News Videos In Turkish  
Dilek Küçük, Adnan Yazıcı
4. 151. An Interoperability Solution For Heterogeneous Business Data Repositories  
Suela BERISHA, Béatrice RUMPLER, Alain HERBUEL
5. 153. Populuslog: People Information Database  
Ali Cakmak, Mustafa Kirac, Gultekin Ozsoyoglu

### **Bioinformatics and Bioengineering Track and Special Session: Biological Data Management, Mining, and Analysis**

1. 55. Motifhider: A Knowledge Hiding Approach To Sequence Masking  
Osman Abul

2. 64. Nvr-bip: Nuclear Vector Replacement Using Binary Integer Programming For Nmr Structure-based Assignments  
Mehmet Serkan Apaydin, Bülent Çatay, Nicholas Patrick, Bruce Donald
3. 78. Extracting Similar Sub-graphs Across Ppi Networks  
Valeria Fionda, Luigi Palopoli, Simona Panni, Simona E. Rombo
4. 173. Prediction Of Protein-protein Interaction Relevance Of Articles Using References  
Çağatay Çalli
5. 88. Exploiting Scientific Workflows For Large-scale Gene Expression Data Analysis  
Alessandro De Stasio, Marcus Ertlet, Wolfgang Kemmner, Ulf Leiser, Michele Ceccarelli
6. 154. A Web-based Data Source For Metabolomics  
Ali Cakmak, Arun Dsouza, Richard Hanson, Gultekin Ozsoyoglu, Meral Ozsoyoglu

### **AI, Machine Learning and Data Mining Track I**

1. 9. Calculating The Vc-dimension Of Decision Trees  
Ozlem Aslan, Olcay Taner Yildiz, Ethem Alpaydin
2. 24. Mining Quantitative Class-association Rules For Software Size Estimation  
María N. Moreno, Joel Pinho Lucas, Saddys Segrera, Vivian F. López
3. 28. Word Sense Disambiguation For Turkish  
Ezgi MERT, Gökhan DALKILIÇ
4. 38. Dimensional Fact Model Extension Via Predicate Calculus  
Carlo dell'Aquila, Francesco Di Tria, Ezio Lefons, Filippo Tangorra
5. 41. Set-based Approach In Mining Sequential Patterns  
Shang Gao, Reda Alhajj, Jon Rokne, Jiwen Guan
6. 48. Generic Text Summarization For Turkish  
Ilyas Cicekli, Celal Cigir, Mucahid Kutlu

### **AI, Machine Learning and Data Mining Track II**

1. 68. Lda-based Keyword Selection In Text Categorization  
Serfettin Tasci, Tunga Gungor
2. 71. Using Semantic Information For Web Usage Mining Based Recommendation  
Suleyman Salin, Pinar Senkul
3. 74. Joint Visual Attention Modeling For Naturally Interacting Robotic Agents  
Zeynep Yücel, Albert Ali Salah, Çetin Meriçli, Tekin Meriçli
4. 85. Multi-relational Concept Discovery With Aggregation  
Yusuf Kavurucu, Pinar Senkul, Ismail Hakki Toroslu
5. 86. Unsupervised Learning Of Affordance Relations On A Humanoid Robot  
Baris Akgun, Nilgun Dag, Tahir Bilal, Ilkay Atil, Erol Sahin
6. 87. Progressive Feedback Adjustments In Monte-carlo Go Simulation  
Fan Xie, Huiying Li, Ping Yu, Zhiqing Liu

### **AI, Machine Learning and Data Mining Track III**

1. 90. Role Of Preferred Terminology In The Classification Of Medical Reports  
Ira Goldstein, Özlem Uzuner

2. 92. A Mlp Based Pd Estimation Model For Sme Credits  
Gülnur Derelioğlu, Fikret Gürgen
3. 103. Turkish Keyphrase Extraction Using Multi-criterion Ranking  
Ilyas Cicekli, Bahadir Ozdemir
4. 132. Multi-robot Pursuit With Visibility Constraints  
Esra Kadioglu Urtis, Nikolaos Papanikolopoulos
5. 141. Improvement On Corpus-based Word Similarity For Vector Space Models  
Yunus Emre Esin, Özgür Alan, Ferda Nur Alpaslan
6. 192. Feature Selection For Collective Classification  
Baris Senliol, Atakan Aral, Zehra Cataltepe

### **Networks, Parallel and Distributed Computing Track I**

1. 2. Reducing Power Consumption In Wired Networks  
Erol Gelenbe, Simone Silvestri
2. 15. Channel Assignment Problem In Cellular Networks: A Reactive Tabu Search Approach  
Didem Gözüpek, Gaye Genç, Cem Ersoy
3. 17. Preimages Of Hash Functions Through Rainbow Tables  
Orhun Kara, Adem Atalay
4. 23. Mips Extension For A Tcam Based Parallel Architecture For Fast IP Lookup  
Oğuzhan Erdem, Cüneyt Bazlamaçcı
5. 29. Performance Study Of A Wireless Mobile Ad Hoc Network With Orientation-dependent Inter-node Communication Links  
Alexander Kostin, Gurcu Oz, Huseyin Haci
6. 39. Effect Of Wave Height To Connectivity And Coverage In Sea Surface Wireless Sensor Networks  
Tevfik Yapicioglu, Sema Oktug

### **Networks, Parallel and Distributed Computing Track II**

1. 30. A Path-quality-aware Peer-to-peer File Sharing Protocol For Mobile Ad-hoc Networks: Wi-share  
Efe Karasabun, Doğu Ertemür, Rüştü Seyhun Sarıyıldız, Metin Tekkalmaz, İbrahim Körpeoğlu
2. 50. Ant Colony Optimization For Survivable Virtual Topology Mapping In Optical Wdm Networks  
Elif Kaldirim, Fatma Corut-Ergin, A. Sima Uyar, Aysegul Yayimli
3. 57. A Secure Key Establishment Protocol For Zigbee Wireless Sensor Networks  
Ender Yüksel, Hanne Riis Nielson, Flemming Nielson
4. 89. Cross Layer Implementation Of Key Establishment Protocols In Wireless Sensor Networks  
Özgür Sağlam, Mehmet Emin Dalkılıç

### **Networks, Parallel and Distributed Computing Track III**

1. 94. Channel Import Efficiency Of The Donorlist Algorithm  
Tamer Tulgar, Mohammed Salamah
2. 121. Performance Evaluation Of Cluster-based Target Tracking Protocols For Wireless Sensor Networks  
Aysegul Alaybeyoglu, Orhan Dagdeviren, Kayhan Erciyes, Aylin Kantarci
3. 158. Pvc: A Novel Personal Virtual Cluster Based On Multi-core Platform  
Cong Xu, Yuebin Bai, Cheng Luo, Xiang Ni
4. 195. A Resilient Key Predistribution Scheme For Multi-phase Wireless Sensor Networks  
Murat Ergun, Albert Levi, Erkay Savaş

### **Special Session: Cognitive Cybernetics and Brain Modeling I**

1. Invited Talk by Marifi Guler: "Neuronal dynamics under the influence of ion channel noise" (30 min.)
2. 226. Does Attention Capacity Correlate With The Effects Of Chord Function On Phoneme Monitoring? (20 min.)  
Nart Bedin Atalay, Mine Misirlisoy
3. 230. Predicting Future Object States Using Learned Affordances (20 min.)  
Emre Ugur, Erol Sahin, Erhan Oztop
4. 227. Towards Linking Affordances With Mirror/canonical Neurons (20 min.)  
Erol Sahin, Selim T. Erdogan

### **Special Session: Cognitive Cybernetics and Brain Modeling II**

1. 224. Active Humanoid Vision And Object Classification (20 min.)  
Ales Ude
2. 196. Forward Kinematics Of The 3rpr Planar Parallel Manipulators Using Real Coded Genetic Algorithms (15 min.)  
Luc Rolland, Rohitash Chandra
3. 228. Improving Balance Regulation In Visuo-motor Control For Humanoid Robots (15 min.)  
Blaz Hajdinjak, Jan Babic, Erhan Oztop
4. 229. Using 3d Contours And Their Relations For Cognitive Vision And Robotics (20 min.)  
Emre Baseski, Leon Bodenhagen, Nicolas Pugeault, Sinan Kalkan, Justus H Piater
5. 231. Ensemble Learning For Multi Sensor Data Fusion With Applications On Human Motion Detection And Analysis (20 min.)  
Mete Ozay, Okan Akalin, Fatos T. Yarman Vural

### **Special Session: Computer Graphics**

1. 72. Distance Computation Using Obb-trees  
Engin Deniz Diktaş, Ali Vahit Şahiner
2. 122. A Buffer Zone Computation Algorithm For Corridor Rendering In Gis  
Emre Er, İsmail Kılınç, Görkem Gezici, Buyurman Baykal
3. 144. Generating Motion Graphs From Clusters Of Individual Poses  
Koray Balci, Lale Akarun
4. 222. Editing Heightfield Using History Management And 3d Widgets  
M. Adil Yalcin, Tolga K. Capin

### **Special Session: Natural Language Processing, Audio Speech and Language Technologies**

1. 171. Semantic Argument Frequency Based Multi-document Summarization  
Cem Aksoy, Ahmet Bugdayci, Tunay Gur, Ibrahim Uysal, Fazli Can
2. 104. Investigating The Effect Of Data Partitioning For GMM Supervector Based Speaker Verification  
Erinç Dikici, Murat Saraçlar
3. 106. A Novel Noise Robust And Low Bit Rate Speech Coding Algorithm  
Umit Guz, Hakan Gurkan, B. Siddik Yarman
4. 175. Hmm-based Sliding Video Text Recognition For Turkish Broadcast News  
Temucin Som, Dogan Can, Murat Saraclar

### **Special Session: Software Engineering**

1. 42. On Educating Globally Distributed Software Development – A Case Study  
Juho Mäkiö, Stefanie Betz
2. 93. Towards An Interdisciplinary Methodology For Service-oriented System Engineering  
Veli Bicer, Steffen Lamparter, York Sure, Ali H. Dogru
3. 133. Integrating Business Process And User Interface Models Using A Model-driven Approach  
Renata Dividino, Veli Bicer, Konrad Voigt, Jorge Cardoso
4. 156. Domain Specific Phase By Phase Effort Estimation In Software Projects  
Yigit Kultur, Ekrem Kocaguneli, Ayse Basar Bener
5. 201. Making Functional Similarity Count For More Reliable Effort Prediction Models  
Özden Özcan Top, Onur Demirörs, Oktay Turetken

### **Special Session: Software Quality I**

1. 76. Statistical Software Debugging:from Bug Predictors To The Main Causes Of Failure  
Saeed Parsa, Mojtaba Vahidi-Asl, Somaye Arabi Naree, Behrouz Minaei-Bidgoli
2. 79. A Dynamic Priority Metascheduler For An Sla-based Storage Grid  
Ravin Ahuja, Goldie Gabrani, Asok De
3. 116. Intelligent Intrusion Detection Using Soft Computing Techniques  
Jaisankar N., Durai Samy K.
4. 128. Error Density Metrics For Business Process Model  
Gokcen Tonbul, Sanjay Misra



5. 137. A Cognitive Requirement Specification Model  
Ferid Cafer, S Misra

### **Special Session: Software Quality I**

1. 159. Negotiation Based Advance Reservation Priority Grid Scheduler With Penal Clause For Execution Failures  
Ravin Ahuja, Goldie Gabrani, Asok De
2. 162. The Effect Of Granularity Level On Software Defect Prediction  
Gul Calikli, Ayse Tosun, Ayse Bener, Melih Celik
3. 202. Integration Strategy For The Biomedical Data Warehouse System Gmuware  
Amin Noaman, Sultanah Al-Shammari
4. 205. Performance Evaluation Of Disk Scheduling Algorithms In The Presence Of Bad Sectors  
Tarek Helmy

### **Special Session: Software Validation and Verification**

1. 26. An Approach To State Space Reduction For Systems With Dynamic Process Creation  
Hanna Klaudel, Maciej Koutny, Elisabeth Pelz, Franck Pommereau
2. 51. Using A Sat Solver To Generate Checking Sequences  
Guy-Vincent Jourdan, Hasan Ural, Husnu Yenigun, Dong Zhu
3. 163. Testing Requirements For Mobile Applications  
Valéria Lelli Leitão Dantas, Rossana M. C. Andrade, Fabiana Gomes Marinho, Aline Luiza da Costa
4. 166. Consistency Checking For Automatic Software  
Aytekin Vargun
5. 219. An Outlier Detection Algorithm Based On Object-oriented Metrics Thresholds  
Oral Alan, Cagatay Catal

### **Poster Sessions I**

#### **Computer Vision, Pattern Recognition and Image Processing**

1. 21. Active Authentication By Mouse Movements (board no:1)  
Yiğitcan Aksarı, Harun Artuner
2. 22. Movies Genres Classifier Using Neural Network (board no:2)  
Sanjay K. Jain, R.S. Jadon
3. 27. Stereo Line Matching Based On The Combination Of Geometric And Intensity Data (board no:3)  
Dong-Min Woo, Dong-Chul Park
4. 80. Polynomial Approach In A Secret Image Sharing Using Quadratic Residue (board no:4)  
Guzin Ulutas, Vasif Nabiyev, Mustafa Ulutas

5. 152. A Novel Traffic Lights Signalling Technique Based On Lane Occupancy Rates Derived From Surveillance Video (board no:5)  
Erhan Ince, Neima Seifnaraghi, Saameh Ebrahimi
6. 155. A Novel Approach For Off-line Arabic Writer Identification Based On Combination Of Stroke Features (board no:6)  
Mohamed Nidhal Abdi, Maher Khemakhem, Hanene Ben-Abdallah
7. 164. Adaptive And Fixed Eigenspace Methods With A Novel Fitness Measure For Video Based Face Recognition (board no:7)  
Alaa Eleyan, Huseyin Ozkaramanli, Hasan Demirel
8. 165. Recognizing Partially Occluded Irises Using Subpattern-based Approaches (board no:8)  
Meryem Erbilek, Önsen Toygar
9. 186. Co-occurrence Based Statistical Approach For Face Recognition (board no:9)  
Alaa Eleyan, Hasan Demirel

### **World Wide Web**

1. 12. Automatic Generation For Web Services Conversations Adapters (board no:10)  
islam elgedawy
2. 112. Investigation Of Mashups For Managers (board no:11)  
NECMETTIN OZKAN, Wardah Zainal Abidin
3. 134. Xlambda: A Functional Programming Language With Xml Syntax (board no:12)  
Ruhsan Onder, Zeki Bayram

### **Database Management Systems**

1. 109. Turkish – English Cross Language Information Retrieval Using Lsi (board no:13)  
Erbug Celebi, Baturman Şen, Burak Günel
2. 157. Echocardio Lab: An Infrastructure For The Management Of Heterogeneous And Distributed Information In The Heart Failure Domain (board no:14)  
Massimo Martinelli, Davide Moroni, Ovidio Salvetti, Marco Tampucci
3. 167. Stableness In Large Join Query Optimization (board no:15)  
Tarcizio Bini, Adriano Lange, Marcos Sunye, Fabiano Silva

### **Bioinformatics and Bioengineering**

1. 58. Svm Using Genomics/proteomics Information And Feature Selection For Prediction Of Protein-protein Interactions In Yeast (board no:16)  
José Miguel Urquiza Ortiz, Ignacio Rojas Ruiz, Héctor Emilio Pomares Cintas, Luis Javier Herrera Maldonado, Ginés Rubio Flores
2. 143. Bootstrap Bayesian Analysis With Applications To Gene-environment Interaction (board no:17)  
Adina Crainiceanu, Kung-Yee Liang, Ciprian Crainiceanu

### **Special Session: Computer Graphics**

1. 66. Real-time Cutting Simulation Based On Stiffness-warped Fem (board no:18)  
Ömer ÇAKIR, Rifat YAZICI, Oğuzhan ÇAKIR

### **Networks, Parallel and Distributed Computing**

1. 191. Scalar Data Replication Performance In Mobile Ad Hoc Applications (board no:19)  
Emre Atsan, Deniz Altinbuken, Oznur Ozkasap

## **Poster Sessions II**

### **AI, Machine Learning and Data Mining**

1. 34. A New Method For Clustering Ensembles (board no:1)  
Lili Yang, Jian Yu, Caiyan Jia
2. 99. Accurately Clustering Moving Objects With Adaptive History Filtering (board no:2)  
James Rosswog, Kanad Ghose
3. 100. Stylistic Document Retrieval For Turkish (board no:3)  
Daniya Zamalieva, Fırat Kalaycılar, Aslı Kale, Selen Pehlivan, Fazlı Can
4. 120. Frequent Itemsets Hiding: A Performance Evaluation Framework  
Osman Abul, Harun Gökçe, Yağmur Şengez (board no:4)
5. 142. Comparison Of Balancing Techniques For Multimedia Ir Over Imbalanced Datasets (board no:5)  
Pablo Bermejo, Frank Hopfgartner, Jose Antonio Gamez, Jose Miguel Puerta, Joemon M. Jose
6. 181. Construction Of Examination Timetables Based On Ordering Heuristics (board no:6)  
Syariza Abdul Rahman, Andrzej Bargiela, Edmund K. Burke, Ender Özcan, Barry McCollum

### **Networks, Parallel and Distributed Computing**

1. 69. The Romberg-like Parallel Numerical Integration On A Cluster System (board no:7)  
Ali YAZICI
2. 77. Joint Routing And Multi Level Data Compression For Lifetime Optimization In Wireless Sensor Networks (board no:8)  
Bülent Tavlı, Onur Ceylan
3. 91. Fault- Tolerance Scheduling Based On Multi- Reservation For Economic Grid(board no:9)  
Asgarali Bouyer, Mohd noor MD SAP, Abdul Hanan Abdullah
4. 124. A Dynamic Spectrum Decision Scheme For Heterogeneous Cognitive Radio Networks (board no:10)  
Metin Kaplan, Feza Buzluca

5. 126. A Token Based Control Channel Protocol For Cognitive Radio Networks (board no:11)  
Ceren Mazıcı, Feza Buzluca
6. 177. A Robust Localization Framework To Handle Noisy Measurements In Wsns (board no:12)  
Cesim Erten, Omer Karatas
7. 179. Replacement Policies For Super-peer In Unstructured P2P Network (board no:13)  
SooHong Min, JoAnne Holliday

### **Special Session: Software Engineering**

1. 123. A Display Processing Software Application Framework For Mission Computer Systems (board no:14)  
İsmail Kılınç, Görkem Gezici, Emre Er, Buyurman Baykal
2. 140. Merging Model-driven And Ontology-driven System Development Approaches: Pervasive Computing Perspective (board no:15)  
Ahmet Soylu, Patrick De Causmaecker
3. 146. Software Product Line Development: A Review On Practical Issues And Challenges (board no:16)  
Ozlem Dura, Asim Egemen Yilmaz

### **Special Session: Software Quality**

1. 102. Using Continuous Integration And Automated Test Techniques For A Robust C4isr System (board no:17)  
H. Mehmet Yüksel, Eray Tüzün, Erdoğan Gelirli, Emrah Bıyıklı, Buyurman Baykal