CSW'10 Technical Program

Sunday, February 21, 2010

Paper presentations: 5 min. talk + 5 min. questions.

8:00 – 8:30	Registration
8:30 – 9:00	Opening Ceremony
9:00 – 10:20	Session I - Artificial Intelligence Chair: Ozan Erdem. *Haplotype Inference with Polyallelic and Polyploid Genotypes* Sadi Evren Seker and Banu Diri. *Event Ordering for Turkish Natural Language Texts* Tekin Mericli and Levent Akin. *Braitenberg Soccer* Ozgur Kafali. *Effect of Consistent Exploration in Dynamic Environments: Does Trust Work in Competitions?*
10:20 – 11:00	Coffee Break and Poster Session I
11:00– 12:20	Session II - Artificial Intelligence Chair: Ozgur Kafali. *Classifying Exceptions in Agent-Based Protocols: A Thin Line Between Violation and Opportunity* Ferda Ofli, Engin Erzin, Yucel Yemez and A. Murat Tekalp. *Multi-modal Analysis of Dance Performances for Music-driven Choreography Synthesis* Kaan C. Fidan, İhsan Kehribar, M. Tuğçe Şahin, Serhan Coşar and Devrim Ünay. *Air drums: A computer vision based drum simulator* Sinan Tumen and Tevfik Metin Sezgin. *Fixation Prediction Using Local Image Features*
12:20 – 14:00	Lunch and Poster Session II

14:00 – 15:20	Session III - Network and Security Chair: Goktug Gurler. *Spatial Filtering for Encoding Multi-view Video in Spatially Reduced 3D Displays* Nadin Kökciyan. *Use of Cluster Analysis in Twitter* Fatma Corut Ergin, Elif Kaldirim, Aysegul Yayimli and Sima Uyar. *Performance Analysis of Nature Inspired Heuristics for Survivable Virtual Topology Mapping* Can YILDIZLI. *Advances in malware development: Using emulators' weaknesses and cryptography*
15:20 – 16:00	Coffee Break and Poster Session III
16:00 – 17:20	Session IV - Bioinformatics, Data Mining and Computer Architecture Chair: Nurcan Tuncbag, Sibel Salman, Ozlem Keskin and Attila Gursoy. *Analysis of Protein Interfaces Using Minimum Cut Trees* Halit Erdogan and Mehmet Serkan Apaydin. *Using Amino Acid Typing to Improve the Accuracy of NMR Structure Based Assignments* Mehmet Ali Yatbaz and Deniz Yuret. *Stretch: An Instance Based Preproccessing Algorithm* Mine Mesta and Gürhan Kucuk. *BLUE-CHIP: Energy-Efficient Simultaneous Multi-Threaded Processors*
17:20 – 18:00	Closing Ceremony and Awards
18:00	Dinner

Poster Session I

- Yusuf Sahillioğlu. *Triangulation-free 3D Reconstruction from LiDAR Data*
- Gozde Gul Isguder and Gozde Unal. *Rigid Motion Correction in IVUS Sequences*
- Tansel Uras. *Genome Rearrangement: A Planning Approach*
- Billur Engin, Selim Balcisoy and Burcin Bozkaya. *Introducing Level of Detail to 3D Thematic Maps*
- Bora Karasulu, Ceren Tuzmen and Beytullah Ozgur. *Predicting the Effects of Non-Synonymous SNP Variants on Protein Function Using SIFT*

Poster Session II

- Gulan Barcin Caglar, Elif Ezgi Cingöz and M Borahan Tümer. *On Effects of Varying λ in Eligibility Traces: A Brief Study in Reinforcement Learning Framework*
- Ergun Bicici and Deniz Yuret. *L1 Regularization for Learning Word Alignments in Sparse Feature Matrices*
- Salih Ozgur Oguz, Ayse Kucukyilmaz, Tevfik Metin Sezgin and Cagatay Basdogan. *Collaborative Haptic Negotiation and Role Exchange in Multimodal Virtual Environments*
- Ayse Kucukyilmaz, Salih Ozgur Oguz, Tevfik Metin Sezgin and Cagatay Basdogan. *The Utility of Multimodal Feedback in Enhancing Haptic Interaction in Collaborative Virtual Environments*
- Aydın Han. *Morphological Disambiguation of Accusative and Possessive Markers in Turkish Words*

Poster Session III

- Tayfun Elmas and Ömer Subaşı. *QED: A Proof System for the Static Verification of Concurrent Software*
- Halit Erdogan. *Quantifying Solutions in Answer Set Programming*
- Berker Agir, Thomas Brochmann Pedersen and Erkay Savas. Coopetative Model*: An Efficient Secure Multi-party Computation Protocol*
- Emrah Çem and Öznur Özkasap. *A Distributed Approach for Discovering Frequent Items in Peer-to-Peer Networks*
- Emre Kaplan and Barış Altop*. Prime Number Generation: Writing a Parallel Program on a Multi Core Machine that Implements Miller Rabin Testing*