

2014 PhD Research Showcase



Hosted by: Prof. Ioannis Kakadiaris
Department of Computer Science

FRIDAY, FEBRUARY 28, 2014

9:00 AM – 5:15 PM; PGH 232

Schedule of the Event

9:00 AM	Welcome & Overview – Prof. Shishir Shah
9:06 AM	UHCS Points of Pride – Prof. Jaspal Subhlok
9:15 AM	Oral Presentations
11:45 AM	LUNCH
12:30 PM	Keynote Speaker – Prof. Roberta Ness; “So You Think You Can Innovate?”
12:45 PM	Oral Presentations
3:15 PM	Poster Presentations – A.D. Bruce Religion Center, 2 nd Floor Atrium Lounge

ORALS

1. Bassam Almogahed: “Toward Resolving the Data Imbalanced Issue in Supervised Learning Problems”
2. Wei Ding: “Detecting Stepping-Stones Under the Influence of Packet Jittering”
3. Deepak Eachempati: “Implementation and Optimization Techniques for Fortran 2008”
4. Waleed Faris: “Communicating with ALPS: The Building of a Natural Language Processor”
5. Apurva Gala: “Person Re-identification for Distributed Wide Area Surveillance”
6. Binh Le: “Marker Optimization for Facial Motion Acquisition and Deformation”
7. Yen Le: “PDM-ENLOR: Learning Ensemble of Local PDM-based Regressions”
8. Meenakshi Sharma: “Detecting Altered Methylation States Using High Throughput DNA Sequencing”
9. Munara Tolubaeva: “Compile Time Modeling of Off-Chip Memory Bandwidth for Parallel Loops”
10. Behnaz Sanati: “An Online Partitioned Scheduling of Real-Time Tasks with Reward Constraints”
11. Xu Yan: “Modeling Local Behavior for Multi-Person Tracking”
12. Paul Hernandez: “One Class Classification for Segmentation of Neurons”
13. Lijuan Zhao: “Automated Detection of Breast Contour in 3D Images of the Female Torso”
14. Ming Chih Shih: “Automatic B Cell Lymphoma Detection Using Flow Cytometry Data”

POSTERS

1. Fatih Akdag: “Creating Polygon Model for Spatial Clusters”
2. Paul Amalaman: “PATHFINDER: A New Bivariate Decision Tree Induction Approach”
3. Junmo An: “Localization and Tracking of an MR Compatible Manipulator with Computer-Controlled Optically Detunable Inductively Coupled RF Coils”
4. Malcolm Dcosta: “Domain Adaptation Under Data Misalignment: An Application to Cepheid Variable Star Classification”
5. Kinjal Dhar Gupta: “Volume Decomposition via Generalized Sweeping”
6. Tao Feng: “Context-Aware Touch Screen Based User Identity Recognition Under Uncontrolled Environment”
7. Xifeng Gao: “Structured Peri-Nasal Indicators of Deceptive Behavior”
8. Ushasi Ghosh: “Extraction of Underlying Soil Structure from Seismic Data Using Data Mining Techniques”
9. Dong Han: “Revealing Protocol Information and Activity from Energy Instrumentation in Wireless Sensor Network”
10. Charu Hans: “Automated Analysis of Zebrafish Vasculature Using Confocal Images”
11. Kyeongan Kwon: “Interfacing Information in User Studies with Mixed Methods”
12. Yu Li: “Scheduling Transparent Real-Time Virtual Resources”
13. Pranav Mantini: “Context Based Trajectory Forecasting”
14. Behrang Mehrparvar: “Deep Learning in Pattern Recognition”
15. Ahmad Qawasmeh: “OpenMP Observability via Collector APIs and Tool Support”
16. Mahbubur Rahman: “A Multiscale Computational Framework to Understand Vascular Adaptation”
17. Remi Salmon: “Modelling and Simulation for Breast Conserving Therapy”
18. Nripun Sredar: “Examining in vivo Changes in Optic Nerve Head of Non-Human Primates During the Progression of Experimental Glaucoma”
19. Peng Sun: “High Level Programming Model for Heterogeneous MPSoCs Using Industry Standard APIs”
20. Salah Aldeen Taamneh: “What Sympathetic Responses Can Tell About Children’s Performance in Reading”
21. Xiaonan Tian: “OpenUH – An Open Source OpenACC Compiler”
22. Tayfun Tuna: “Text Based Indexing to Ease Navigation in Lecture Video”
23. Ilyas Uyanik: “Revealing Walking Behaviors via a Mobile App”
24. Sujing Wang: “New Spatio-temporal Clustering Algorithms for Polygons”
25. Cheng Wang: “High-Performance Parallel Sparse FFT Algorithms for Multicore CPUs and GPUs”
26. Rengan Xu: “Reduction Operations in Parallel Loops for GPGPUs”

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