ANNOUNCING THE SPRING NSF I/UCRC MEETING AT THE ASU UNIVERSITY CLUB

NSF Net Centric I/UCRC

Register at: http://netcentric.cse.unt.edu/

Agenda April 2-3, NCSS I/UCRC at ASU University Club
April 2, 2014
8am – 2pm Proposals and Reports
2:30pm – 6pm Reception, posters, open house

April 3, 2014
9am – 12pm Industry Advisory Board Meeting
PRELIMINARY PROGRAM (subject to change)

APRIL 2-3, 2014

DAY 1 April 2:

Welcome (A. Spanias, ASU SenSIP Site Director)
Opening Remarks (ASU Official)
The NCSS I/UCRC (K. Kavi, Director)
The NSF I/UCRC Program (A. Schwarzkopf, R. Rodriguez, C. Scott, NSF)

Plenary Session: DOD Proposals and Industry-I/UCRC (TBD - tentative)

Proposals

UTD-1 New UTD Proposal: High-Quality Domain-Specific Cloud-Based Visualization Systems, Kang Zhang
ASU-1 New ASU PROPOSAL 1: Underdetermined Direction-of-Arrival / Array Processing Using Virtual Array Concepts, Dan Bliss
ASU-2 New ASU PROPOSAL 2: Contextual Activity Analysis for Android DSP Applications, Pavan Turaga
ASU-3 Continuing ASU Proposal: Understanding Human Activity Beyond the Visible Spectrum, Pavan Turaga

Coffee Break (15 min)

Reports

UNT-1 Report 1: 3D DRAMs and Processing in Memory, Krishna Kavi
UNT-2 Report 2: Secure Policy Engine in Hypevisor using Hardware Trust Mechanisms, Mahadevan Gomathisankaran
UTD-3 Report 2: Role-Based Integrated Security and Data Provenance Modeling and Assurance, I-Ling Yen
UTD-4 Report 3: Distributed Computing Framework for Internet of Things based Systems, Farokh Bastani
MST-1 Report 1: Pre-distribution Scheme for Data sharing in Mobile Cloud Computing
MST-2 Report 2: TSV Oriented Three-Dimensional Integrated System Design for Robust Mobile Computing
MST-3 Report 3: Real-time Localized BMS for Battery Packs

Lunch Break

Defining NCSS Areas and Directions (90 min) (Mark Bowler, Krishna Kavi)
IAB Members, Faculty, Industry

2:30pm Break / Poster Preparations

3pm to 6pm Poster Session / Open House / Reception
**POSTERS**

**ASU Poster 1**  Intelligent Networked Solar Panel Array Management  
**ASU Poster 2**  Sequential Wireless Sensor Network (WSN) Discovery  
**ASU Poster 3**  Signal Processing Algorithms and Apps for Health Monitoring  
**ASU Poster 4**  Network Theory and Signal Processing for Big Data Problems  

**UTD Poster 1**  Systems of Systems Engineering: A Goal-driven Architecture Simulation Approach  
**UTD Poster 2**  Role-Based Integrated Security and Data Provenance Modeling and Assurance  
**UTD Poster 3**  Distributed Computing Framework for Internet of Things based Systems  

**UNT Poster 1**  Secure policy engine in hypervisor using hardware trust mechanisms  
**UNT Poster 2**  Vulnerability ontology for cloud security  
**UNT Poster 3**  Ontologies for privacy settings in social networks  
**UNT Poster 4**  Processing in memory using hybrid memory cubes  
**UNT Poster 5**  Workload characterization of Cloud and emerging applications  
**UNT Poster 6**  Eliminating unnecessary write-backs in cache memories  

**SMU Poster 1**  Improved division algorithms for ALU designs and improved network algorithms for wireless and peer-to-peer networks  
**SMU Poster 2**  Defect analysis and quality improvement for cloud computing systems  
**SMU Poster 3**  TBD  

**MST Posters**  TBD

*Adjourn 6pm*

**DAY 2**

**9am**  Project Selection  
**10am**  IAB Business  
**11am**  Boxed Lunch
VENUE

University
425 East University Drive, Tempe, AZ 85281 (480) 965-0700

Hotels
A. Courtyard by Marriott Tempe 601 S Ash Ave, Tempe, AZ, US, 85281 (3 star) Phone: (800) 321-2211
B. Twin Palms 225 E Apache Blvd, Tempe, AZ 85281 (2.5 star) Phone: (480) 967-9431
C. Tempe Mission Palms 60 E 5th St, Tempe, AZ 85281 (4 star) Phone: (480) 894-1400
D. Four Points Sheraton 1333 S Rural Rd, Tempe, AZ 85281 (3 star) Phone: (480) 968-3451