

First National Workshop for REU Research in Networking and Systems REUNS 2014

Program Schedule

All talks in Room 406

08:00 – 08:15	Opening remarks
08:15 - 09:30	Session I (Sea and Air)
09:30 - 10:00	Break
10:00 - 11:30	Session II (Mobile Computing and Applications)
11:30 - 01:00	Lunch
01:00 - 02:30	Session III (Cloud Computing)
02:30 - 03:00	Break
03:00 - 04:30	Session IV (Networking)

Session I

- *An Experimental Study of Effective Jamming in Underwater Acoustic Links*
Muhammad Samir, Michael Kowalski, Shengli Zhou, and Zhijie Shi
- *Comparison of the Ranging Function of Three Types of Underwater Acoustic Modems*
Katherine Domrese, Andrew Szajna, Shengli Zhou, and Jun-Hong Cui
- *Application of Low Cost Optical Communication Systems to Underwater Acoustic Networks*
Andrew Tennenbaum and Maegan X Dyakiw
- *Small Unmanned Aerial Vehicle System for Wildlife Radio Collar Tracking*
Gilberto Antonio Marcon dos Santos, Zachary Barnes, Eric Lo, Bryan Ritoper Lauren Nishizaki, Xavier Tejeda, Alex Ke, Han Lin, Curt Schurgers, Ryan Kastner, and Albert Lin
- *Wireless Image Transmission for AUV Applications (short paper)*
Juanita Ordonez, Katherine Domrese, Shengli Zhou, and Jun-Hong Cui

Session II

- *Android Malware Detection System Using Structural Similarity in Call Graphs*
Abu Kebbie-Anthony and Feng Li
- *GeoFit: Verifiable Fitness Challenges*
Ian Terry, Anita Wu, Sebastian Ramirez, Niki Pissinou, Sitharama Iyengar, and Bogdan Carbunar
- *Analysis of Android Data Leaks in 3rd Party Advertising Libraries*
Anthony Short and Feng Li
- *Manilyzer: Automated Android Malware Detection through Manifest Analysis*
Stephen Feldman, Dillon Stadther, and Bing Wang
- *Lehigh Instrument for Learning Interaction (LILI): An Interactive Robot to Aid Development of Social Skills for Autistic Children*
Mooi Choo Chuah, Daniel Coombe, Christopher Garman, Cassandra Guerrero, and John Spletzer

Session III

- *Improving Virtual Machine Migration via Deduplication*
Jake Roemer, Mark Groman, Zhengyu Yang, Yufeng Wang, Chiu C. Tan, and Ningfang Mi
- *Setup and Configuration of MapReduce in a Cloud Environment (Short paper)*
Adam Blaisse, Martin Berlove, and Jie Wu

Session IV

- *Emulation Performance Study of Traffic-Aware Policy Enforcement in Software Defined Networks*
Isaac Vawter, Deng Pan, and Wenrui Ma
- *Bandwidth Prediction on a WiMAX Network*
Vincent Martin, Adama Coulabay, Nathan Schaff, Chiu C. Tan, and Shan Lin
- *Analysis and Implementation of Internet Based Remote Voting*
Kevin Butterfield and Xukai Zou