

2011 SNAPI Agenda

Wednesday, May 25, 2011

Chair: Raju Rangaswami, *Florida International University*

Meeting is Located in Grand Ballroom B

- 7:00 AM – 8:45 AM** **Breakfast / Vendor Exhibits**
Located in Ballroom Foyer
- 7:00 AM – 5:30 PM** **Registration/Hospitality Desk**
Located in Ballroom Foyer
- 8:45 AM – 9:00 PM** **Opening Remarks and Best Paper Award**
Raju Rangaswami, Florida International University
- 9:00 AM – 10:00 AM** **Keynote Address – Exa-Scale FSIO – Can we get there?**
Can we afford to? - Gary Grider, Deputy Division Leader (HPC), Los Alamos National Laboratory
- 10:00 AM – 10:30 AM** **AM Break / Vendor Exhibits**
Located in Ballroom Foyer
- 10:30 AM – 12:00 PM** **Flashmania!** - Session Chair: *Youjip Won, Hanyang University*
- Qualifying Reliability of Solid-State Storage from Multiple Aspects -
Hairong Sun, Bob Wood, and Pete Grayson (Fusion IO)
- Addressing Scalability and Consistency issues in Hybrid File system for BPRAM and NAND Flash - *Quan Taizhong, Jinsoo Yoo, Youjip Won, and Jaemin Jung (Hanyang University)*
- A Program Context-Aware Data Separation Technique for Reducing Garbage Collection Overhead in NAND Flash Memory - *Keonsoo Ha and Jihong Kim (Seoul National University)*
- 12:00 PM – 1:30 PM** **Lunch - Sponsored by DataDirect Networks**
Located in Central City
- 1:30 PM – 3:00 PM** **If it's not Parallel...** Session Chair: *Ron Oldfield, Sandia National Laboratory*
- Reliable MPI-IO through Layout-Aware Replication - *Seung Woo Son, Samuel Lang, Robert Latham, Robert Ross, and Rajeew Thakur (Argonne National Laboratory)*
- Towards Simulation of Parallel File System Scheduling Algorithms with PFSsim - *Yonggang Liu and Renato Figueiredo (University of Florida), Dulcardo Clavijo, Yiqi Xu, and Ming Zhao (Florida International University)*
- Scalable Distributed Directory Implementation on Orange File System - *Shuangyang Yang, Walter B. Ligon III, and Elaine C. Quarles (Clemson University)*
- 3:00 PM – 3:30 PM** **PM Break / Vendor Exhibits**
Located in Ballroom Foyer

3:30 PM – 4:30 PM

Benchmarking and RAID – Session Chair: *Ming Zhao, Florida International University*

Hierarchical RAID (HRAID): Organization, Reliability, and Performance - *Alexander Thomasian and Yujie Tang (Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences)*

A Statistical Evaluation of the Impact of Parameter Selection on Storage System Benchmarks - *Nohyun Park, Weijun Xiao, Kyubaik Choi, and David J. Lilja (University of Minnesota)*

6:00 PM - 6:30 PM

Reception / Vendor Exhibits
Located in Ballroom Foyer

6:30 PM - 8:00 PM

Dinner - Sponsored by RAID, Inc.
Located in Ellyngton's