SNAPI 2008 Agenda

Storage Network Architecture and Parallel I/Os Monday, September 22, 2008 Chair: Andre Brinkman and Roger Chamberlain

Meeting is located in Chesapeake II

- 8:30am 8:40am Welcome Comments
- 8:40am 9:20am Session 1: Storage Networks
 - Implementation and Evaluation of iSCSI over RDMA, Ethan Burns and Robert Russell
 On Maximizing iSCSI Throughput using Multiple Connections with Automatic Parallelism Tuning, Fumito Inoue, Hiroyuki Oshaki, Yoshihiro Nomoto, and Makoto Imase
- 9:20am 9:40am Session 2: File Systems - *Pre-allocation Size Adjusting Methods Depending on Growing File Size,* Takaki Nakamura and Norihisa Komoda
- 9:40am 10:00am Panel: Sessions 1 and 2
- 10:00am 10:30am AM Break -- Located in Chesapeake Gallery
- 10:30am 11:10am Invited Talk 1: Almadena Chtchelkanova, NSF
- 11:10am 11:50am Session 3: Archival Storage - ADMAD: Application-Driven Metadata Aware De-duplication Archival Storage System, Chuanyi Liu, Yingping Lu, Guanlin Lu, David H.C. Du, and Dong-Sheng Wang - Parallel Processing of Data, Meta Data, and Aggregates Within An Archival Storage System User Interface, Danny Cook, Bart Parliman, Mark Roschke, and David Sherrill
- 11:50am 12:00pm Panel: Session 3
- 12:00pm 1:30pm Lunch -- Located in Chesapeake III
- 1:30pm 2:10pm
 Invited Talk 2: Ethan Miller, UCSC

 Pergamum: Building Evolvable, Reliable Energy-Efficient Petascale Archival Storage from Disks
- 2:10pm 2:50pm Session 4: Security - A Model for Storage Processes in Network Environment and its Implementation, Tomasz Bilski - A Partial Distribution-Fault-Aware Protocol for Consistent Updates in Distributed Storage Systems, Peter Sobe
- 2:50pm 3:00pm Panel: Session 4
- 3:00pm 3:30pm PM Break -- Located in Chesapeake Gallery
- 3:30pm 4:10pm Session 5: Disk Technology - Data Structure Consistency Using Atomic Operations in Storage Devices, Ananth Devulapalli, Dennis Dalessandro, Pete Wyckoff - DIG: Rapid Characterization of Modern Hard Disk Drive and Its Performance Implication Jongmin Gim, Youjip Won, Jaehyeok Chang, Junseok Shim, and Youngseon Park
- 4:10pm 4:20pm Panel: Session 5
- 4:20pm 4:30pm Wrap-Up