

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 - <i>Implementation and Evaluation of iSCSI over RDMA</i> , Ethan Burns and Robert Russell - <i>On Maximizing iSCSI Throughput using Multiple Connections with Automatic Parallelism Tuning</i> , Fumito Inoue, Hiroyuki Oshaki, Yoshihiro Nomoto, and Makoto Imase
9:20am - 9:40am	Session 2: File Systems - <i>Pre-allocation Size Adjusting Methods Depending on Growing File Size</i> , 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 - <i>ADMAD: Application-Driven Metadata Aware De-duplication Archival Storage System</i> , Chuanyi Liu, Yingping Lu, Guanlin Lu, David H.C. Du, and Dong-Sheng Wang - <i>Parallel Processing of Data, Meta Data, and Aggregates Within An Archival Storage System User Interface</i> , 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 <i>Pergamum: Building Evolvable, Reliable Energy-Efficient Petascale Archival Storage from Disks</i>
2:10pm - 2:50pm	Session 4: Security - <i>A Model for Storage Processes in Network Environment and its Implementation</i> , Tomasz Bilski - <i>A Partial Distribution-Fault-Aware Protocol for Consistent Updates in Distributed Storage Systems</i> , 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 - <i>Data Structure Consistency Using Atomic Operations in Storage Devices</i> , Ananth Devulapalli, Dennis Dalessandro, Pete Wyckoff - <i>DIG: Rapid Characterization of Modern Hard Disk Drive and Its Performance Implication</i> Jongmin Gim, Youjip Won, Jaehyeok Chang, Junseok Shim, and Youngseon Park
4:10pm - 4:20pm	Panel: Session 5
4:20pm - 4:30pm	Wrap-Up