CMPD 2008 Agenda
Computing with Massive and Persistent Data
Monday, September 22, 2008
Chair: Maya Gokhale

Meeting is Located in Chesapeake I

8:30am – 8:45am — Register, Refreshments

8:45am – 9:00am — Welcome Introduction

9:00am – 10:00am — *Computing with Large Data: A National Security Perspective*
John Grosh, Director of the Center for Applied Scientific Computing, Lawrence Livermore National Laboratory

10:00am – 10:30am — AM Break
Located in Chesapeake Gallery

10:30am – 11:00am — *Phase Change Memory*
Stefanie Chiras, IBM Research, Yorktown Heights, USA

11:00am – 11:30am — *Decoupling DRAM from Disk by Non-volatile Memory for Energy Saving*
Mohammed Khatib and Pieter H. Hartel, University of Twente, Netherlands

11:30am – 12:00pm — *Solid State Storage and DBMS*
Bruce Lindsay, IBM Almaden Research Center, USA

12:00pm – 1:30pm — Lunch
Located in Chesapeake III

1:30pm – 2:00pm — *Future Filesystems*
David Pease, IBM Almaden Research Center and Darrell Long, University of California, Santa Cruz, USA

2:00pm – 2:30pm — *Accessing Files in Storage Class Memory-based Computer Systems*
Sooyong Kang, Youjip Won, Sungmin Park, Hanyang University, Korea

2:30pm – 3:00pm — *Supporting Block Device Abstraction on Storage Class Memory*
Jaemin Jung, Youjip Won, Hanyang University, Korea

3:00pm – 3:30pm — PM Break
Located in Chesapeake Gallery

3:30pm – 4:00pm — *Data Science Challenges from Distributed Petabyte Astronomical Data Collections*
Kirk Borne, George Mason University, USA

4:00pm – 4:30pm — *Toward a General Parallel Operating System Using Active Storage Fabrics on Blue Gene/P*
Blake Fitch, Aleksandr Rayshubskiy, T. J. C. Ward, Robert S. Germain, IBM Research, Yorktown Heights, USA

4:30pm – 5:00pm — Wrap Up, Discussion