

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	<i>Computing with Large Data: A National Security Perspective</i> 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	<i>Phase Change Memory</i> Stefanie Chiras, IBM Research, Yorktown Heights, USA
11:00am – 11:30am	<i>Decoupling DRAM from Disk by Non-volatile Memory for Energy Saving</i> Mohammed Khatib and Pieter H. Hartel, University of Twente, Netherlands
11:30am – 12:00pm	<i>Solid State Storage and DBMS</i> Bruce Lindsay, IBM Almaden Research Center, USA
12:00pm – 1:30pm	Lunch Located in Chesapeake III
1:30pm – 2:00pm	<i>Future Filesystems</i> David Pease, IBM Almaden Research Center and Darrell Long, University of California, Santa Cruz, USA
2:00pm – 2:30pm	<i>Accessing Files in Storage Class Memory-based Computer Systems</i> Sooyong Kang, Youjip Won, Sungmin Park, Hanyang University, Korea
2:30pm – 3:00pm	<i>Supporting Block Device Abstraction on Storage Class Memory</i> Jaemin Jung, Youjip Won, Hanyang University, Korea
3:00pm – 3:30pm	PM Break Located in Chesapeake Gallery
3:30pm – 4:00pm	<i>Data Science Challenges from Distributed Petabyte Astronomical Data Collections</i> Kirk Borne, George Mason University, USA
4:00pm – 4:30pm	<i>Toward a General Parallel Operating System Using Active Storage Fabrics on Blue Gene/P</i> Blake Fitch, Aleksandr Rayshubskiy, T. J. C. Ward, Robert S. Germain, IBM Research, Yorktown Heights, USA
4:30pm – 5:00pm	Wrap Up, Discussion