



Keynote Speaker: Dr. Russ Miller

UB Distinguished Professor of Computer Science
and Engineering at SUNY-Buffalo

“High-Performance Computing ⇒ Discovery & Innovation”

In this talk, we present a framework that can be used to guide cyber-related activities in order to accelerate discovery and comprehension, create links between enabling technologists and disciplinary users, create new techniques, algorithms, and interactions that improve efficiency of knowledge-driven applications in myriad disciplines, enhance virtual organizations, provide increased education, outreach, and training, and enhance and expand relationships between academia and the corporate world.

Day 1 - Thursday, April 14, 2011

9AM - 4:30PM, Rauch Business Center, Room 051

Pittsburgh Supercomputing Center MPI Programming Workshop

Participants will receive a comprehensive introduction to scientific computing techniques, a hands-on introduction to distributed computing with MPI and are encouraged to bring their own code.

Day 2 - Friday, April 15, 2011

9AM - 4:30PM, Linderman Library, Room 200

Confirmed speakers include:

- **Jeremy Hylton**, Senior Staff Software Engineer, Google, New York
- **Gabriel Tanase**, Research Staff Member, IBM T.J. Watson Research Center
- **Yana Bromberg**, Rutgers University, Dept. Biochemistry and Molecular Biology
- **Nurit Haspel**, University of Massachusetts, Boston, Dept. Computer Science
- **Willy Wriggers**, D.E. Shaw Research, Weill Cornell Medical College



There is **NO** cost to attend but registration is requested for planning purposes.

Please visit <http://hpcsymposium.lehigh.edu/2011/>