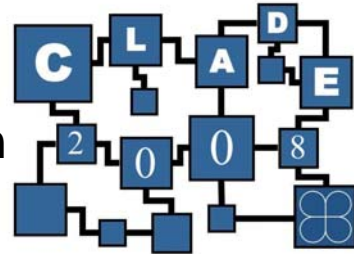


# CLADE 2008 Program



## 8:00-8:15 Opening Remarks

Yoonhee Kim, General Chair  
Xiaolin Li, Program Chair

## 8:15-9:15 Keynote

Autonomic Computing Paradigm: The Next Generation Programming Paradigm for Developing Self\* Applications  
Salim Hariri, NSF Center for Autonomic Computing, U. of Arizona

## 9:15-10:15 Session 1 (eScience)

Session Chair: Yoonhee Kim, Sookmyung Women's U.

Use of e-AIRS Computing Service on CFD Education and Research  
Jin-Ho Kim, Soon-Heum Ko, Chongam Kim, Yoonhee Kim, and Kum Won Cho  
Seoul National U., Sookmyung Women's U., KISTI Supercomputing Center

Flexible IO and Integration for Scientific Codes through the Adaptable IO System (ADIOS)  
Jay F. Lofstead, Scott Klasky, Karsten Schwan, Norbert Podhorszki, Chen Jin, Georgia Tech, Oak Ridge

## 10:30-12:00 Session 2 (Scientific Workflow) Session Chair: Manish Parashar, Rutgers

SWARM: A Scientific Workflow for Supporting Bayesian Approaches to Improve Metabolic Models  
Xinghua Shi, Rick Stevens, U. of Chicago and Argonne

An Efficient and Transparent Transaction Management based on the Data Workflow of HVEM DataGrid  
Im Y. Jung, Heon Y. Yeom, Seoul National U.

A Grid-enabled Workflow System for Reservoir Uncertainty Analysis  
Emrah Ceyhan, Gabrielle Allen, Christopher White, Tevfik Kosar, LSU

## 1:30-3:00 Session 3 (Lessons and Visions)

Session Chair: Shantenu Jha, LSU

Invited Talk: Usable Computing on Open Distributed Systems  
Jon Weissman, U. of Minnesota

Invited Talk: Lessons Learnt from CLADE  
Nancy Wilkins-Diehr, SDSC

Invited Talk: From the Heroic to the Logistical - Programming Model Implications of New Supercomputing Applications  
Ian Foster, U. of Chicago and Argonne

## 3:30-5:00 Session 4 (HPC)

Session Chair: Mazin Yousif, Intel

Invited Talk: Multicore Programming in pMatlab using Distributed Arrays  
Jeremy Kepner, MIT Lincoln Laboratory

Invited Talk: Autonomic Computing Engines for Internet Scale Applications  
Manish Parashar, Rutgers

Invited Talk: High-Productivity in Datacenters – A Holistic Perspective  
Mazin Yousif, Intel

Invited Talk: Efficient Scheduling of Scientific Workflows in a High Performance Computing Cluster  
Roger Barga, Microsoft