Monday, April 26th

Workshops 1-10

Tutorial 1
High Performance Computing & Networking Using Infiniband Technology – Hardware and Software Solutions
  Presenter: Hsing-bung Chen, Los Alamos National Lab

Tutorial 2
An Introduction to Distributed Data Mining
  Presenter: Hillol Kargupta, University of Maryland

TCPP Reception
Invited Speaker: Srinidhi Varadarajan, Virginia Tech
System X: The Virginia Tech Supercomputer

Tuesday, April 27th

Keynote Speaker
Ken Kennedy, Rice University
“High Performance (and Grid) Computing Without a Degree in Computer Science”

Session 1: Scheduling and Mapping
Session 2: Scientific Applications I
Session 3: Interconnection Networks
Session 4: Parallel Programming Models/Implementations

Session 5: Network Algorithms
Session 6: Grid Applications and Sensor Networks
Session 7: Distributed System Architecture
Session 8: Shared Memory Operations/Optimizations/Models

Panel Discussion 1
Bioinformatics and High Performance Computing
Moderator: David A. Bader, University of New Mexico
Wednesday, April 28th

Keynote Speaker
Michel Dubois, University of Southern California
“Are we Entering the Golden Age of Parallel Processing? Finally?”

Plenary Session: Best Papers

Session 10: Parallel Algorithms for Graphs and Multiprocessors
Session 11: Scientific Applications II
Session 12: Distributed Memory and Networks

Industrial Track

Panel Discussion 2
Internet Computing
Moderator: Thierry Priol, IRISA Paris

Banquet
Invited Speaker: Christos Papadimitriou, University of California Berkeley
“Networks and Games”

Thursday, April 29th

Keynote Speaker
Reiner Hartenstein, University of Kaiserslautern, Germany
“Software or Configware? About the Digital Divide of Parallel Computing”

Session 13: Distributed Algorithms and Data Structures
Session 14: P2P and Networking Applications
Session 15: Parallel System Architecture
Session 16: Thread/Job Scheduling, Load Balancing and Management

Session 17: Distributed and Mobile Computing
Session 18: Applications
Session 19: Multiprocessor and Multithreaded Architectures
Session 20: Compilers and Tools

Session 21: Dynamic, P2P and Selfish Protocols
Session 22: Data Mining
Session 23: Special Purpose Architectures and Memory Systems
Session 24: Other Software
Friday, April 30th

Workshops 11-17

Tutorial 3
Parallel Computing on Heterogeneous Networks

Presenters:
- Alexey Lastovetsky, University College Dublin
- Alexey Kalinov, Russian Academy of Sciences