Workshop Program

Sixth International Workshop on High-Level Parallel Programming Models and Supportive Environments (HIPS'01)
San Francisco, California, USA, April 23, 2001
(in conjunction with IPDPS'01)

http://www.informatik.hu-berlin.de/~mueller/hips01

Chair: Frank Mueller (mueller@informatik.hu-berlin.de)

Schedule, Monday April 23, 2001

8:00-8:30 - Invited Talk: What will be the semantics of shared memory programming?
Assaf Schuster (TECHNION - Israel Institute of Technology)

8:30-10:00 - Session 1, chaired by Frank Mueller, Lawrence Livermore National Laboratory

- **High-Level Data Mapping for Clusters of SMPs**
  Siegfried Benkner(University of Vienna), Thomas Brandes(German National Research Center for Information Technology (GMD))
- **Integrating Task and Data Parallelism by means of Coordination Patterns**
  Manuel Diaz(University of Malaga), Bartolome Rubio, Enrique Soler, Jose M. Troya
- **Using Loop-Level Parallelism to Parallelize Vectorizable Programs**
  D. M. Pressel(U.S. Army Research Laboratory), J. Sahu, K. R. Heavey

10:00-10:30 - Break

10:30-12:00 - Session 2, chaired by Thomas Brandes (German National Research Center for Information Technology (GMD))

- **A Generic C++ Framework for Parallel Mesh Based Scientific Applications**
  Jens Gerlach(GMD-First), Peter Gottschling
- **DSM-PM2: A portable implementation platform for multithreaded DSM consistency protocols**
  Gabriel Antoniu(LIP, ENS Lyon), Luc Bouge
- **Implementation of a Skeleton-based Parallel Programming Environment Supporting Arbitrary Nesting**
  Remi COUDARCHER(LASMEA, France), Jocelyn SEROT, Jean-Pierre DERUTIN

12:00-13:15 - Lunch (on your own ?)

13:15-14:15 - Invited Talk: Using PRAM Algorithms on a Uniform Memory Access Shared-Memory Architecture
David A. Bader (University of New Mexico, USA)

14:15-15:00 - Break

15:00-17:00 - Session 3, chaired by Luc Bougé, Ecole Normale Superieure de Lyon, France

- **Supporting Soft Real-time Tasks and QoS on the Java Platform**
  James C. Pang(Redback Networks), Gholamali C. Shoja(University of Victoria, BC, Canada), Eric G. Manning
- **Evaluating the XMT Parallel Programming Model**
  Dorit Naishlos(University of Maryland), Joseph Nuzman, Chau-Wen Tseng, Uzi Vishkin
- **DEPICT: a topology-based debugger for MPI programs**
  Simon Huband(University of Western Australia), Chris McDonald
- **Correcting Errors in Message Passing Systems**
  Jan B. Pedersen(University of British Columbia), Alan Wagner