

# 6th Workshop on High-Level Parallel Programming Models and Supportive Environments

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## Accepted Papers

### Session 1

#### High-Level Data Mapping for Clusters of SMPs

*Siegfried Benkner and Thomas Brandes*

#### On Predicting Data Cache Behavior for Real-Time Systems

*Manuel Diaz, Bartolome Rubio, Enrique Soler and Jose M. Troya*

#### Using Loop-Level Parallelism to Parallelize Vectorizable Programs

*D. M. Pressel, J. Sahu and K. R. Heavey*

### Session 2

#### A Generic C++ Framework for Parallel Mesh Based Scientific Applications

*Jens Gerlach and Peter Gottschling*

#### DSM-PM2: A portable implementation platform for multithreaded DSM consistency protocols

*Gabriel Antoniu and Luc Bouge*

#### Implementation of a Skeleton-based Parallel Programming Environment Supporting Arbitrary Nesting

*Remi Coudarcher, Jocelyn Serot and Jean-Pierre Derutin*

### Session 3

#### Supporting Soft Real-time Tasks and QoS on the Java Platform

*James C. Pang, Gholamali C. Shoja and Eric G. Manning*

#### Evaluating the XMT Parallel Programming Model

*Dorit Naishlos, Joseph Nuzman, Chau-Wen Tsenga and Uzi Vishkin*

#### DEPICT: a topology-based debugger for MPI programs

*Simon Huband and Chris McDonald*

#### Correcting Errors in Message Passing Systems

*Jan B. Pedersen and Alan Wagner*