

Program

Sunday May 29th

Ψ 5.00pm : ARRIVAL

Ψ 8.00pm : DINNER

Monday May 30th

Ψ 8.15 am : WELCOME AND INTRODUCTION : Y.Robert

Ψ 8.30 am : X.Sherry Li - Parallel sparse multifrontal method exploiting hierarchically semi-separable matrices

Ψ 9.00 am : U.Schwiegelshohn - Objective Criteria of Job Scheduling Problems

Ψ 9.30 am : K.Kaya - On Constructing Elimination Trees for Sparse Unsymmetric Matrices

Ψ 10.00 - 10.15 am : COFFEE BREAK

Chair: Frédéric Vivien

Ψ 10.15 am : G.Ruenger - Scheduling for parallel tasks with dependency constraints

Ψ 10.45 am : R.Melhem - Mapping data and scheduling communication in Multi-core processors

Ψ 11.15 am : O.Beaumont - Sum of Completion Times Minimization for Malleable Tasks with Preemption", or "Divisible Load Scheduling under the Bounded MultiPort Model"

Ψ 11.45 am : K.Park - Resource Management of Manycores with Nonvolatile Memory for High Performance and Energy Saving

Ψ 12.15 - 2.00 pm : LUNCH

Chair: Uwe Schwiegelshohn

Ψ 2.00 pm : T.Rauber - Adaptive Task-Based Load Balancing Techniques

Ψ 2.30 pm : T.Herault - DAGuE: A Generic Distributed DAG Engine for HPC

Ψ 3.00 pm : L-C. Canon - Scheduling under Unavailability and Uncertainties Constraints

Ψ 3.30 - 4.00 pm : COFFEE BREAK

Chair: Anne Benoit

Ψ 4.00 pm : L. Eyraud-Dubois - Steady-state broadcast in hierarchical platforms

Ψ 4.30 pm : E.Jeannot - Scheduling challenges in runtime systems

Ψ 5.00 pm : L.Sousa - Bandwidth-Aware Scheduling for On-Chip Cluster Architectures

Ψ 6.30 pm : WELCOME RECEPTION - APERITIF

Ψ 7.15 pm : DINNER

Tuesday May 31st

Chair : Bora Ucar

Ψ 8.45 am : E.Agullo - Factorization of dense matrices on a multicore processor enhanced with multiple GPU accelerators

Ψ 9.15 am : J.Langou - Reduction trees for QR factorization on multicore architectures

Ψ 9.45 am : O.Sinnen - Advances in Optimal Task Scheduling

Ψ 10.15 - 10.45 am : COFFEE BREAK

Chair : Olivier Beaumont

Ψ 10.45 - 12.15 pm : PHD SESSION

Ψ 10.45 am : H.Bouwmeester - A critical path approach to excluding algorithmic variants

Ψ 11.00 am : M. Coqblin - Throughput Optimization for Pipeline Workflow Scheduling with Setup Times

Ψ 11.15 am : C.Klein - CooRMv2: An RMS for Non-predictably Evolving Applications

Ψ 11.30 pm : P. Renaud-Goud - Energy-aware mappings of series-parallel workflows onto chip multiprocessors

Ψ 11:45 pm : F-H. Rouet - Parallel computation of entries of the inverse of a sparse matrix

Ψ 12.15 - 2.00 pm : LUNCH

Ψ 2.00pm : SOCIAL EVENT

Ψ 7.00 pm : Survivor's drink

Ψ 7.30 pm : DINNER

Wednesday June 1st

Chair : Jean-Yves L'Excellent

Ψ **8.45 am** : J.Weissman - Scheduling in the Cloud

Ψ **9.15 am** : T.Kielmann - Bag-of-Tasks Scheduling under Time and Budget Constraints

Ψ **9.45 am** : J-N. Quintin – Scheduling Data-intensive Applications on Large-Scale Platforms

Ψ 10.15 - 10.45 am : BREAK

Chair: Henri Casanova

Ψ **10.45 am** : B.Gaujal - The Price of Forgetting in Parallel Systems

Ψ **11.15 am** : M. Stillwell - Dynamic Fractional Resource Scheduling vs. Batch Scheduling

Ψ **11.45 am** : C.Perez - Resource Management Systems for Complex Applications

Ψ 12.15 - 2.00 pm : LUNCH

Ψ 2.00 pm : DEPARTURES