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Nota di contenuto	Third Workshop on Highly Parallel Processing on a Chip (HPPC 2009) -- HPPC 2009: 3rd Workshop on Highly Parallel Processing on a Chip -- The Next 25 Years of Computer Architecture? -- Software Development and Programming of Multi-core SoC -- HPPC 2009 Panel: Are Many-Core Computer Vendors on Track? -- Distance Constrained Mapping to Support NoC Platforms Based on Source Routing -- Parallel Variable-Length Encoding on GPGPUs -- Towards Metaprogramming for Parallel

Systems on a Chip -- Dynamic Detection of Uniform and Affine Vectors in GPGPU Computations -- Automatic Calibration of Performance Models on Heterogeneous Multicore Architectures -- Seventh International Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms (HeteroPar 2009) -- Preface -- Static Worksharing Strategies for Heterogeneous Computers with Unrecoverable Failures -- Resource Allocation for Multiple Concurrent In-network Stream-Processing Applications -- Distributed Data Partitioning for Heterogeneous Processors Based on Partial Estimation of Their Functional Performance Models -- An Efficient Weighted Bi-objective Scheduling Algorithm for Heterogeneous Systems -- Two-Dimensional Matrix Partitioning for Parallel Computing on Heterogeneous Processors Based on Their Functional Performance Models -- Accelerating S3D: A GPGPU Case Study -- Using Hybrid CPU-GPU Platforms to Accelerate the Computation of the Matrix Sign Function -- Modelling Pilot-Job Applications on Production Grids -- Modeling Resubmission in Unreliable Grids: The Bottom-Up Approach -- Reliable Parallel Programming Model for Distributed Computing Environments -- Second Workshop on Productivity and Performance (PROPER 2009) -- PROPER 2009: Workshop on Productivity and Performance -- Tools for HPC Application Development -- Argument Controlled Profiling -- Detailed Performance Analysis Using Coarse Grain Sampling -- Automatic Performance Analysis of Large Scale Simulations -- Performance Simulation of Non-blocking Communication in Message-Passing Applications -- Capturing and Visualizing Event Flow Graphs of MPI Applications -- Scalable Event Trace Visualization -- Workshop on Real-Time Interactive Applications on the Grid (ROIA 2009) -- Preface -- Bipartite Electronic SLA as a Business Framework to Support Cross-Organization Load Management of Real-Time Online Applications -- Monitoring and Fault Tolerance for Real-Time Online Interactive Applications -- A Service-Oriented Interface for Highly Interactive Distributed Applications -- CompTalks -- From a Meta-model Towards a Framework for Application-Level Interaction Protocols -- CAMEO: Continuous Analytics for Massively Multiplayer Online Games on Cloud Resources -- Complex Multiplayer Urban Design System -- Concept and Case Studies -- UNICORE Summit 2009 -- Preface -- JavaGAT Adaptor for UNICORE 6 -- Development and Evaluation in the Project AeroGrid -- Towards a Common Authorization Infrastructure for the Grid -- Using UNICORE and WS-BPEL for Scientific Workflow Execution in Grid Environments -- Enhancing UNICORE Storage Management Using Hadoop Distributed File System -- A Data Management System for UNICORE 6 -- UNICORE-Related Projects for Deploying the Belarusian National Grid Network -- Fourth Workshop on Virtualization in High - Performance Cloud Computing (VHPC 2009) -- VHPC 2009: 4th Workshop on Virtualization in High-Performance Cloud Computing -- SSD-HDD-Hybrid Virtual Disk in Consolidated Environments -- An Efficient Implementation of GPU Virtualization in High Performance Clusters -- MyriXen: Message Passing in Xen Virtual Machines over Myrinet and Ethernet -- Virtage: Server Virtualization with Hardware Transparency -- Scalable Repositories for Virtual Clusters -- Dynamic Virtual Cluster Reconfiguration for Efficient IaaS Provisioning -- Performance Measurement of a Private Cloud in the OpenCirrus<sup>TM</sup> Testbed -- Providing Grid Services Based on Virtualization and Cloud Technologies -- Real-Time Issues in Live Migration of Virtual Machines.

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