A Bibliography of Supercomputing '2004

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Abstract

This bibliography records articles presented at the Supercomputing '2004 conference.

Title word cross-reference

4 [WCSK04]. 5 [FC04].

-D [FC04]. **-Dimensional** [WCSK04].

10 [BCC+04]. **15.2** [KKF+04].

2 [MK04]. **2004** [ACM04].

Abundant [Won04].
ActiveScale [TGZ+04a]. **Adaptive** [DA04].
Advanced [USB04]. **Aerospace** [MTA+04].
Algorithms [ORR04].
Alternative [CKE+04].
Analyses [ABKP04]. **Analysis** [USB04].
Application [HCB04].
Application-Aware [LOT04].
Application-Level [SBF+04].
Applications [PDT+04].
Architecture [SCY04].
Architecture-Aware [PTCV04].
Architectures [PDT+04].
Assessing [dLR04]. **Automated** [CH04].
Automatic [GAW04].
Automatically [TH04]. **Aware** [PTCV04].

Bandwidth [TGZ+04a]. **Based** [FPP04].
Be [DeB04]. **Big** [LOT04].
Billion [ABKP04]. **Billions** [TO04].
Biological [Won04]. **Blade** [PPH+04].
BlueGene [DHJ+04].
BlueGene/L [DHJ+04].
Boltzmann [PDT+04]. **Bridging** [ACM04].

Building [LVP04]. **Bundle** [ORR04].

Cache [BH04]. **Caches** [LOT04].
Caching [ORR04]. **Calculations** [BCC+04].
Case [EAK04]. **Centric** [YF04].
CFD [MTA+04]. **Checkpoint** [SBF+04].
Checkpoint-Recovery [SBF+04].
Cluster [Bur04, TGZ+04a].
Cluster-Based [SCY04].
Clusters [CKE+04].
Collaborative [GAW04].
Communication [CG04].
communities [ACM04]. **Compiler** [PE04].
Complex [PTCV04].
Compression [KBS04].
Computation [DO04].
Computational [TO04].
Computations [OCC+04].
Computer [BCC+04].
Computing [KGZ+04].
Concept [PPH+04]. **Conference** [ACM04].
Connected [DHL+04]. **Context** [Hol04].
Control [SH04]. **Coordination** [KNT+04].
Coscheduling [CKE+04].
Counters [TH04]. **Coupled** [BCC+04].

D [FC04]. **Data** [ORR04].
Data-Grids [ORR04].
Data-Intensive [TGZ+04b].
Database [TO04]. **Datasets** [WCSK04].
Degrees [ABKP04].
Delivering [TGZ+04a].
Departmental [PPH+04]. **Design** [USB04].
Desktop [KCC04b].
Dimensional [WCSK04].
Discovery [Ree04]. **Disk** [Bur04].
Disk-Resident [WCSK04].
Distributed [CG04].
Distribution [GAW04].
Dynamic [WPBM04].
Dynamics [BCF+04].

Early [MTA+04]. **Earth** [KKF+04].
Earthquake [YMW04]. **Economy** [Aha04].
Efficient [GHW+04]. **Element** [ABKP04].
Elements [TO04]. **Enabled** [GAW04].
Enhancement [BJZH04].
Enterprise [KCC04b].
Environment [GAW04].
Environments [KGZ+04]. **Era** [Won04].
Evaluating [CG04]. **Evaluation** [PDT+04].
Execution [KGZ+04]. **Existing** [EAK04].
Experience [MTA+04].
Experiences [GHG04].

Fastpath [Bur04]. **Fat** [KNT+04].
Fault [dLR04]. **Fault-Tolerant** [DHL+04].
File [WPBM04]. **File-Bundle** [ORR04].
Finite [ABKP04]. **Flexible** [FPP04].
Flow [SH04]. **Fluid** [SH04].
Framework [RR04]. **Freedom** [ABKP04].
Fujitsu [MTA+04]. **Functionally** [SCY04].

Generatinn [TO04].
Geodynamo [KKF+04].
Geometric [RR04]. **GPU** [FQKYS04].
Grid [GAW04]. **Grids** [ORR04].
GYRO [FC04]. **Gyrokinetic** [FC04].
Gyrokinetic-Maxwell [FC04].

Half [ABKP04]. **Haralick** [WCSK04].
Hardware [HKR04]. **Harness** [SOE+04].
Hash [CCF04]. **Hexahedral** [TO04].
High [HCB04]. **HPC2500** [MTA+04].

IEEE [ACM04]. **IEEE/ACM** [ACM04].
Image [WCSK04].
Implementation [GHG04].
Implicit [ABKP04]. **Improve** [CH04].
Improving [DO04]. **Inca** [SOE+04].
InfiniBand [LVP04]. **Information** [CH04].
Intel [BH04]. **Intellectual** [Ree04].
Intensive [TGZ+04b]. **Inter** [KNT+04].
Inter-Layer [KNT+04].
Internet [DHL+04]. **Itanium** [BH04].

Java [HCB04]. **JAXA** [MTA+04].

Kosha [BJZH04].

L [DHJ+04]. **Lambda** [YF04].
Lambda-Grid [YF04]. **Language** [DA04].
Large [PDT+04]. **Large-Scale** [PDT+04].
Lattice [PDT+04]. **Law** [DeB04].
Layer [KNT+04]. **Level** [RR04].
Lever [Ree04]. **Line** [BCF+04].
Linux [MK04]. **Locality** [DO04].
Location [CCF04]. **Logistics** [Swa04].
Long [KNT+04].

Machine [KGZ+04].
Management [WPBM04].
Managing [KGZ+04]. **Maxwell** [FC04].
Measurement [BH04].
Mechanics [ABKP04]. **Memory** [TH04].
Merrimac [EAG+04]. **Meshes** [TO04].
Messages [KBS04]. **Messaging** [FPP04].
Metadata [WPBM04].
Middleware [HCB04]. **Modeling** [USB04].
Modern [OCC+04].
Modernizing [EAK04].
Molecular [EAG+04]. **Moore** [DeB04].
MPI [MK04]. **MPI-2** [MK04].
MPI-Level [LVP04]. **Multi** [RR04].
Multi-Level [RR04].
Multidisciplinary [Ree04].
Multirail [LVP04].

Network [SCY04, BJZH04].
Networking [ACM04].
Networks [KNT+04]. **Nodes** [DHL+04].
November [ACM04].

Online [LC04]. **Opportunities** [Won04].
Optimal [ORR04].
Optimization [PTCV04].
Optimizations [Bur04].
Organizing [TGZ+04b].

PA [ACM04]. **Panasas** [TGZ+04a].
ParaDiS [BCF+04]. **Parallel** [OCC+04].
Parallelization [GHW+04].
Peer [BJZH04]. **Peer-to-Peer** [BJZH04].
ACM [ACM04]. **Performance** [HCB04].
Petabyte [WPBM04].
Petabyte-Scale [WPBM04]. **PIM** [USB04].
Pipe [KNT+04]. **Pipeline** [YMW04].
Pittsburgh [ACM04]. **Pools** [HKR04].
Post [GHW+04].
Post-Processing [GHW+04].
Potential [DO04]. **Pragmatic** [PTCV04].
Predicting [CG04].
PRIMEPOWER [MTA+04].
Prior [CH04]. **Proceedings** [ACM04].
Process [PTCV04]. **Processing** [GHW+04].
Processor [BH04]. **Processors** [PTCV04].
Program [PTCV04].
Programming [RR04].
Programs [SBF+04]. **Proiectiles** [SH04].
Protocol [GHG04]. **Providing** [KGZ+04].

QCDOC [BCC+04].

Rapid [KCC04b]. **Rating** [PE04].
Real [HCB04]. **Realistic** [LC04].
Recovery [Bur04]. **Regrouping** [DO04].
Rendering [GAW04]. **Replica** [CCF04].
Reporting [SOE+04]. **Resident** [WCSK04].
Resource [KCC04b]. **Resources** [KCC04a].
Results [EAG+04]. **Routed** [YF04].
RPC [DHL+04]. **RPC-V** [DHL+04].
Runs [CH04]. **Runtime** [KBS04].

Scalability [DHJ+04]. **Scalable** [BCF+04].
Scale [WPBM04]. **Scheme** [SBF+04].
Scientific [OCC+04]. **Self** [TGZ+04b].
Self-Organizing [TGZ+04b].
Sensitivity [dLR04]. **Service** [CCF04].
Services [FPP04]. **Shared** [Bur04].
Shared-Disk [Bur04]. **Simulation** [LC04].
Simulations [SH04]. **Simulator** [KKF+04].
Small [LOT04]. **SOAP** [FPP04].
SOAP-Based [FPP04]. **Software** [EAK04].
Solid [ABKP04]. **Solver** [FC04].
Storage [TGZ+04b]. **Streams** [KNT+04].
Study [EAK04]. **Sufficient** [DeB04].

Supercomputer [ACG+04].
Supercomputing [PDT+04].
Support [MK04]. **Supporting** [SCY04].
Symmetric [SCY04].
Synchronization [HKR04].
Synthesis [KCC04a].
System [TO04, BJZH04].
Systematic [PTCV04].
Systems [WPBM04].

Table [CCF04]. **Task** [HKR04].
TCP [KNT+04]. **Teraflops** [BCC+04].
Terascale [YMW04]. **Test** [SOE+04].
Texture [WCSK04]. **TFlops** [KKF+04].
Three [PDT+04]. **Throughput** [Swa04].
Tightly [BCC+04].
Tightly-Coupled [BCC+04].
Tiling [RR04]. **Tolerant** [DHL+04].
Tool [MK04]. **Tradeoffs** [USB04].
Transport [GHG04]. **Tuning** [PE04].
Turnaround [KCC04b].

Ultrascalable [ABKP04].
Unlocking [ACG+04].
Unstructured [TO04]. **User** [YF04].
User-Centric [YF04]. **Using** [CH04].

V [DHL+04]. **Vector** [OCC+04].
Vehicle [PPH+04]. **Viable** [CKE+04].
VIRACOCHA [GHW+04].
Virtual [KGZ+04].
Visualization [GAW04].
VMPlants [KGZ+04]. **Volatile** [DHL+04].
VTOL [PPH+04].

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