

A Bibliography of Supercomputing '2001

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25 October 2010
Version 1.02

Abstract

This bibliography records articles presented at the Supercomputing '2001 conference.

Title word cross-reference

8.61 [NKK01].

Acceleration [CB01]. **Access** [AFN⁺01].
Achieving [BAN01]. **Adaptable** [USL01].
Adapting [MJD01]. **Adaptive** [BAN01].
Algebra [BL01]. **Algorithm** [Ada01, SV01].
Algorithms [MK01, NKV⁺01]. **AMR**
[WHK⁺01]. **Analysis** [AKSS01, TMM⁺01].
Application
[ALPF01, BF01, CB01, KAH⁺01, RN01].
Applications
[AKSS01, FMM⁺01, LTB01, WWHG01].

Applying [SCB01]. **Approach** [ÇA01].
Array [GPZ01]. **ASCI** [MJD01].
Atmospheric [LTD01]. **Atomistic**
[NKV⁺01]. **Automatic** [ALPF01].
Balancing [GS01, LTB01]. **Based**
[RH01, FMM⁺01, SMN01]. **Benchmark**
[SBO01]. **Beowulf** [KT01]. **Binary** [LC01].
Blocking [JMC01]. **Body** [BL01]. **bypass**
[SWP01].
C [WA01]. **Cactus** [ADF⁺01]. **Calculation**
[MGKX01]. **Calculations** [WHK⁺01]. **Case**
[RN01]. **CC** [WA01]. **CC-NUMA** [WA01].
Cell [DH01]. **Challenge** [AFN⁺01].
Circulation [LTD01]. **Climate** [AFN⁺01].
Cluster [USL01]. **Clusters**
[MOM⁺01, RN01]. **CO** [ACM01]. **Coarse**
[ÇA01, MK01]. **Coarse-Grain** [ÇA01].
Coast [LBL01]. **Coastal** [LBL01]. **Codes**

[NPA01]. **Communication** [RRR01]. **Communications** [DH01]. **Communities** [TBAD⁺01]. **Component** [FMM⁺01]. **Component-based** [FMM⁺01]. **Compressing** [LC01]. **Computational** [ALPF01]. **Computations** [MPR01]. **Computer** [NKK01]. **Computers** [BL01]. **Computing** [ACM01, ADF⁺01, GHH⁺01, SMN01, USL01]. **Consistent** [MGKX01]. **copy** [SWP01]. **Core** [LTD01]. **Cosmology** [BAN01]. **Cost** [USL01]. **CplantTM** [BF01]. **Creating** [TBAD⁺01]. **Cross** [WWHG01]. **Cross-Domain** [WWHG01]. **Cycle** [RHK01].

Data [AFN⁺01, AKSS01]. **Decision** [LC01]. **Decomposition** [ÇA01, ZS01]. **Dedicated** [MPR01]. **Delivering** [CB01]. **Denver** [ACM01]. **Design** [ALPF01, DP01, TNS⁺01]. **Detecting** [FJ01]. **Devices** [MPR01, MOM⁺01]. **Diagram** [LC01]. **Direct** [DP01]. **Distributed** [Ada01, ADF⁺01, FJ01, LTB01, TMM⁺01]. **Domain** [WWHG01, ZS01]. **driven** [SWP01]. **Dual** [LBL01]. **Dual-Level** [LBL01]. **Dynamic** [GS01, LTB01, WA01]. **Dynamical** [LTD01]. **Dynamics** [ALPF01, CUS⁺01, NKK01].

Earth [KT01]. **Effectiveness** [USL01]. **Efficient** [ADF⁺01, AKSS01, DP01, RHK01]. **Effort** [NPA01]. **Element** [LTD01]. **EMP** [SWP01]. **Encoding** [LC01]. **Engine** [PJ01]. **Environment** [FMM⁺01]. **Environments** [ADF⁺01]. **Ethernet** [SWP01]. **Execution** [ADF⁺01, AKSS01]. **Expansion** [DH01, GPZ01]. **Experiments** [PBD⁺01]. **Exploration** [PF01]. **Extreme** [BAN01].

Fast [LM01, TNS⁺01]. **fastDNAMl** [SHB⁺01]. **FeMn** [CUS⁺01]. **FeMn/Co** [CUS⁺01]. **File** [WWHG01]. **Files** [LC01].

Fine [RHK01]. **Fine-Grain** [RHK01]. **Fire** [RSM01]. **Fireplane** [Cha01]. **Fluid** [ALPF01]. **Fly** [MGKX01]. **FMPL** [TNS⁺01]. **Formation** [BAN01]. **Framework** [WHK⁺01].

Gathering [TBAD⁺01]. **Gauss** [Ada01]. **General** [LTD01]. **Generating** [MK01]. **Generation** [MOM⁺01]. **Ghost** [DH01]. **Gigabit** [SWP01]. **Global** [PF01]. **Globally** [ZS01]. **Globus** [ADF⁺01, MJD01]. **GPFS** [PTH⁺01]. **GrADS** [PBD⁺01]. **Grain** [ÇA01, RHK01]. **Grande** [SBO01]. **Graphics** [LM01, MOM⁺01, PJ01]. **Grid** [AFN⁺01, FMM⁺01, LBL01, MJD01, PBD⁺01, TBAD⁺01]. **Grids** [MK01, PF01]. **Groups** [RRR01].

Hardware [LM01, MPR01, MOM⁺01]. **Heterogeneous** [ADF⁺01, MPR01]. **High** [ACM01, AFN⁺01, RSM01, WWHG01]. **High-Performance** [AFN⁺01, WWHG01]. **HPC** [CB01]. **Hypergraph** [ÇA01]. **Hypergraph-Partitioning** [ÇA01].

I/O [DP01, RN01, RHK01, TBAD⁺01]. **I/O-Efficient** [DP01]. **Implementation** [PTH⁺01, SHB⁺01, TNS⁺01]. **Improve** [WA01]. **Improved** [RSM01]. **Improving** [GPZ01]. **Increased** [CB01]. **Increasing** [JMCF01]. **Indexing** [PF01]. **inference** [SHB⁺01]. **Information** [LC01]. **Interactivity** [PJ01]. **Interconnect** [Cha01]. **Interfaces** [CUS⁺01]. **Interval** [GS01]. **Interval-Newton** [GS01]. **Inverted** [LC01]. **IO** [PTH⁺01]. **IO/GPFS** [PTH⁺01]. **Irregular** [GPZ01, NPA01, PGB⁺01]. **ItaniumTM** [GHH⁺01]. **iterative** [ZS01].

Java [SBO01]. **JavaPSL** [FJ01]. **Jini** [SMN01]. **Jini-based** [SMN01].

Kerberos [MJD01].

Large [KAH⁺01, KT01, PF01, WHK⁺01]. **Large-Scale** [KAH⁺01]. **Launch** [BF01]. **LegionFS** [WWHG01]. **Level** [LBL01]. **Libraries** [PBD⁺01]. **Library** [RRR01, TNS⁺01]. **likelihood** [SHB⁺01]. **line** [SCB01]. **Linear** [BL01]. **Linux** [RN01]. **Load** [GS01, LTB01]. **Locality** [JMCF01, WA01]. **Logic** [CB01].

Magnetic [CUS⁺01]. **Management** [RSM01]. **Materials** [NKV⁺01]. **Matrix** [LM01]. **maximum** [SHB⁺01]. **MDM** [NKK01]. **Mechanics** [BL01]. **Mechanism** [PGB⁺01]. **Memory** [Ada01, RH01, TNS⁺01]. **Mesh** [BAN01]. **Message** [GS01, SWP01, TNS⁺01]. **message-passing** [TNS⁺01]. **Method** [DH01]. **Methods** [MK01]. **Minimal** [NPA01]. **Modeling** [FJ01, KAH⁺01, KT01, LBL01, RSM01]. **Models** [LTD01]. **Molecular** [NKK01]. **MPI** [PTH⁺01]. **MPI-IO** [PTH⁺01]. **MPI-IO/GPFS** [PTH⁺01]. **Multi** [CUS⁺01]. **Multi-teraflops** [CUS⁺01]. **Multiblock** [LBL01]. **Multigrid** [Ada01, MK01]. **Multilevel** [MK01]. **Multiple** [AKSS01]. **Multiplies** [LM01]. **Multiprocessors** [WA01].

NaCl [NKK01]. **Network** [RHK01]. **Networking** [ACM01]. **Networks** [PGB⁺01]. **Newton** [GS01]. **Next** [MOM⁺01]. **Next-Generation** [MOM⁺01]. **NIC** [SWP01]. **NIC-driven** [SWP01]. **Non** [ZS01]. **Non-iterative** [ZS01]. **Non-overlapping** [ZS01]. **November** [ACM01]. **NUMA** [WA01]. **Numerical** [BAN01, PBD⁺01].

O [RN01, RHK01, TBAD⁺01]. **O-Efficient** [DP01]. **Ocean** [LBL01]. **On-line** [SCB01]. **On-the-Fly** [MGKX01]. **operations**

[TNS⁺01]. **Optimisation** [FMM⁺01]. **Optimization** [ALPF01, SV01]. **Optimized** [PTH⁺01]. **ORT** [RRR01]. **Orthogonal** [RRR01]. **OS-bypass** [SWP01]. **Overhead** [RH01]. **overlapping** [ZS01].

Page [WA01]. **Parabolic** [ZS01]. **Parallel** [BL01, BF01, FJ01, GS01, GPZ01, MPR01, NPA01, PJ01, SCB01, SBO01, SHB⁺01, TMM⁺01, WHK⁺01, ZS01]. **Parallelism** [LBL01]. **Partial** [GPZ01]. **Partitioning** [ÇA01]. **Passing** [GS01, SWP01, TNS⁺01]. **PC** [MOM⁺01]. **PDE** [DH01]. **Co** [CUS⁺01]. **GPFS** [PTH⁺01]. **Performance** [ACM01, AFN⁺01, CB01, FJ01, KAH⁺01, TMM⁺01, WWHG01, SHB⁺01]. **phylogenetic** [SHB⁺01]. **Placement** [WA01]. **Portal** [KBG⁺01, SMN01]. **Potential** [CB01]. **Predictive** [KAH⁺01]. **Primordial** [BAN01]. **Problem** [AFN⁺01, BL01]. **Problems** [DH01, FJ01, ZS01]. **Processing** [SV01]. **Processor** [GHH⁺01, RRR01]. **program** [SHB⁺01]. **Programming** [NPA01]. **Programs** [FJ01, TMM⁺01]. **Propagation** [KT01]. **Purpose** [NKK01].

Quantum [BL01]. **Query** [AKSS01].

Real [PF01]. **Real-time** [PF01]. **Reconfigurable** [CB01]. **Recursive** [JMCF01]. **Reducing** [DH01]. **Reductions** [GPZ01]. **Refinement** [BAN01]. **Regular** [PF01]. **Remote** [AFN⁺01, TNS⁺01]. **Removing** [RH01]. **Research** [NKV⁺01]. **Resolution** [BAN01, RSM01]. **Resolving** [BAN01]. **Routing** [PGB⁺01].

s [NKK01]. **SAMR** [LTB01]. **SAMRAI** [WHK⁺01]. **SC2001** [ACM01]. **Scalability** [KAH⁺01]. **Scalable** [BF01, LC01, NKV⁺01, WWHG01]. **ScaLAPACK** [PBD⁺01]. **Scale** [KAH⁺01, KT01, WHK⁺01]. **SCALEA**

[TMM⁺01]. **Scaleable** [PJ01]. **Scaling** [NPA01]. **Scheduling** [SCB01]. **Science** [KBG⁺01]. **Scientific** [GHH⁺01]. **Search** [SV01]. **Secure** [MJD01, WWHG01]. **Seidel** [Ada01]. **Seismic** [KT01]. **Shared** [RH01]. **Signal** [SV01]. **Simulation** [AFN⁺01, NKV⁺01, NKK01]. **Skewing** [JMCF01]. **Smoothers** [Ada01]. **Software** [RH01]. **Software-Based** [RH01]. **Solution** [BL01]. **Solvers** [DP01, ZS01]. **Solving** [DH01]. **Sparse** [BL01, DP01]. **Special** [NKK01]. **Special-Purpose** [NKK01]. **Spectral** [LTD01]. **Spin** [CUS⁺01]. **Stable** [ZS01]. **Star** [BAN01]. **Static** [PF01]. **Stealing** [RHK01]. **Steering** [MGKX01]. **Stochastic** [SV01]. **Strategies** [GS01]. **Structure** [CUS⁺01]. **Structured** [WHK⁺01]. **Studies** [CUS⁺01]. **Study** [RN01]. **Suite** [SBO01]. **Sun** [Cha01]. **Supercomputing** [MOM⁺01]. **Supporting** [ADF⁺01, WWHG01]. **System** [Cha01, SMN01, WWHG01]. **Systems** [LC01, LTB01].

Technologies [AFN⁺01]. **Temporal** [JMCF01]. **teraflops** [CUS⁺01]. **Terscale** [LTD01]. **Tflop** [NKK01]. **Tflop/s** [NKK01]. **Three** [BL01]. **Three-Body** [BL01]. **Throttling** [RHK01]. **time** [PF01]. **Tomography** [SCB01]. **Tool** [ALPF01]. **top** [PTH⁺01]. **Topology** [PGB⁺01]. **TPC** [WA01]. **TPC-C** [WA01]. **Transactions** [MGKX01]. **Tuning** [SCB01].

U.S. [LBL01]. **Unstructured** [Ada01]. **Using** [BL01, BAN01, CB01, GS01, GPZ01, TMM⁺01, WHK⁺01, LM01, MOM⁺01].

Verification [MGKX01]. **Very** [PF01]. **Visual** [MOM⁺01]. **Volume** [MOM⁺01].

Wave [KT01]. **Weather** [RSM01]. **Well** [TBAD⁺01]. **West** [LBL01]. **within** [FMM⁺01]. **Workloads** [AKSS01].

XCAT [KBG⁺01].

Zero [SWP01]. **Zero-copy** [SWP01].

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