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Abstract

This bibliography records articles presented at the Supercomputing '2002 conference.

Title word cross-reference

14.9 [SMSY02]. **16.4** [YIU⁺02].

240-Processor [WWF02]. **26.58** [STF⁺02].
29.5 [MKFD02].

6 [MKFD02].

Accelerating [SLMW02].

Accelerator [SWK⁺02]. **ACM** [IEE02].

Active [TCH02]. **Advanced** [SWK⁺02].

Aggregate [HNA02]. **Algorithm** [OOS02].

AlphaServer [Wor02]. **Analysis** [DEHS02].

Application [dLR02].
Applications [VY02]. **Applying** [AZV⁺02].
Approach [BBC⁺02a].
Architecture [PTV02, LMN02].
Architectures [HD02]. **Archives** [CG02].
Array [PH02]. **Arrays** [CG02].
Artificial [KHLL02]. **Asserting** [VW02].
Atmospheric [STF⁺02].
Atomistic [KKN⁺02].
Automated [TCH02]. **Awareness** [PTV02].

Backbone [HIT⁺02]. **Baltimore** [IEE02].
bandwidth [EG02]. **Based** [PcC02].
Beowulf [WWF02]. **Better** [PH02].
between [PTV02].
Biomolecular [PZKK02].
BlueGene [AAA⁺02].
BlueGene/L [AAA⁺02].
Bounds [VDY⁺02]. **Bridge** [PTV02].

- Cache** [OOS02].
Cache-to-Cache [AGGD02].
Calculations [SLMW02]. **Capable** [PcC02].
Case [Wor02]. **cc** [AGGD02].
cc-NUMA [AGGD02]. **CFD** [DK02].
Chemistry [BBC^{02a}].
Chimera [AZV⁺⁰²]. **Clint** [EG02].
Cluster [HD02]. **Cluster-Based** [PcC02].
Clusters [ASTK02]. **Codes** [dLR02].
Collaborative [KKN⁺⁰²].
Common [MAG⁺⁰²].
Communication [RH02].
Compact [dLR02]. **Compiling** [PH02].
Computational [PFY⁺⁰²].
Computing [BBH⁺⁰²].
Concepts [AZV⁺⁰²].
Conducting [HAS02]. **Conference** [IEE02].
Constructing [CDF⁺⁰²].
Contraction [PH02]. **Counter** [AV02].
Cubic [WWF02].
- Daemon** [DMT02]. **Data** [OOS02].
Data-Intensive [HIT⁺⁰²].
Data-Mapping [TRN02].
Decoupled [DCB02]. **Density** [WWF02].
Departmental [KHLL02].
Deterministic [DK02].
Development [DCB02].
dimensional [SMSY02]. **Direct** [YIU⁺⁰²].
Directory [BWS02]. **Discovery** [Hos02].
Disk [OOS02]. **Disks** [CG02].
Distributed [dLR02]. **Dual** [DK02].
Dual-Level [DK02]. **Dynamic** [MS02].
- Early** [WDF⁺⁰²]. **Earth** [YIU⁺⁰²].
Effects [HNA02]. **Efficient** [RH02].
Electrically [HAS02]. **Empirical** [VY02].
Environment [DCB02].
Environments [LGST02].
Equality [SLMW02]. **Evaluation** [PcC02].
Executing [SFB⁺⁰²]. **Execution** [AKSS02].
Expectations [VW02].
Experimental [BBH⁺⁰²].
- Factorization** [GL02]. **Fast** [HAS02].
Fault [BBC^{+02b}]. **Finding** [AZV⁺⁰²].
Fire [SJ02]. **Flows** [HNA02].
Fluid [SMSY02]. **Forecasting** [SW02].
Fourier [YIU⁺⁰²]. **Framework** [SCW⁺⁰²].
Fusion [SMSY02].
- G** [AKSS02]. **GAMESS** [BGE⁺⁰²].
Gap [PTV02]. **Gauss** [ABG02].
Gigabit [HIT⁺⁰²]. **Giggle** [CDF⁺⁰²].
Gilgamesh [SZ02]. **Global** [STF⁺⁰²].
GrADS [DCB02]. **GRAPE** [MKFD02].
GRAPE-6 [MKFD02].
Grid [LMN02, KHLL02]. **Grids** [OOS02].
Guide [DEHS02].
- Hand** [WCHS02]. **Harmony** [TCH02].
Hash [MS02]. **Hierarchical** [RR02].
High [BBH⁺⁰²]. **High-bandwidth** [EG02].
High-Density [WWF02].
High-Level [BBC^{+02a}].
High-Performance [BBC^{+02a}].
HPF [SMSY02].
- IBM** [MS02]. **ICENI** [LMN02].
Idle [CG02]. **Implementation** [PcC02].
Implemented [LMN02].
Implementing [Tra02].
Improving [GcC02]. **Increasing** [PTV02].
Infrastructure [DEHS02]. **Insight** [IEE02].
Inspection [KHLL02].
Instrumentation [NZ02].
Integration [BGE⁺⁰²].
Intelligent [KHLL02]. **Intensive** [HIT⁺⁰²].
Interconnect [SJ02]. **Interfaces** [ASTK02].
Interoperable [PFY⁺⁰²].
Inverse [ABG02]. **IP** [PcC02].
- Japan** [KKN⁺⁰²]. **Jini** [LMN02].
- Keys** [MAG⁺⁰²]. **Krylov** [ABG02].
- L** [AAA⁺⁰²]. **LAPI** [MS02].
latency [EG02].

Latency-Tolerant [TRN02].
Level [BBC⁺02a]. **Library** [RR02, CGG02].
Lightning [FPF⁺02].
Lightning-Fast [FPF⁺02].
Likelihood [SLMW02].
Likelihood-based [SLMW02]. **Link** [SJ02].
Location [CDF⁺02]. **Lookup** [GcC02].
Loops [ASTK02]. **Loss** [HNA02].
Low [EG02]. **Low-latency** [EG02].
LU [GL02].

Management [FPF⁺02].
Managers [OOS02]. **Mapped** [ASTK02].
Mapping [TRN02]. **Massive** [CG02].
Mathematics [BBH⁺02].
Matrix [VDY⁺02].
Matrix-Multiply [PTV02].
Matrix-Vector [VDY⁺02].
Maximum [SLMW02]. **MD** [IEE02].
Mechanical/Classical [KKN⁺02].
Mechanics [BPR⁺02]. **Mechanism** [Tra02].
Meets [BBH⁺02]. **Memory** [DEHS02].
Merging [MAG⁺02]. **Message** [CGG02].
Meter [WWF02]. **Method** [HAS02].
Methods [ABG02]. **Metrics** [AV02].
Microprocessor [AV02].
Misses [AGGD02]. **Modeling** [SCW⁺02].
Monitoring [LGST02]. **MPI** [HD02].
MPICH [BBC⁺02b].
MPICH-V [BBC⁺02b]. **Multi** [HIT⁺02].
Multi-Gigabit [HIT⁺02].
Multi-Processor [RR02].
Multiple [SFB⁺02]. **Multiply** [VDY⁺02].
Multipole [HAS02].
Multiprotocol [CGG02].
Multiscale [ABG02].
Multithreaded [SZ02].
Multivariate [SW02].

NAMD [PZKK02]. **Neptune** [MKFD02].
Nested [ASTK02].
Network [GcC02, SW02].
Networks [MAG⁺02]. **Newton** [ABG02].
Nodes [BBC⁺02b]. **Nonuniform** [RH02].

November [IEE02]. **NPB** [EGC02].
NUMA [AGGD02]. **Numerical** [YIU⁺02].

One [WWF02]. **onto** [ASTK02].
Open [LMN02]. **OpenMP** [HD02].
Operations [SFB⁺02].
Optimizations [VDY⁺02].
Optimizing [AKSS02].
Overview [AAA⁺02]. **Owner** [AGGD02].

p690 [WDF⁺02]. **Packet** [HNA02].
Paradigms [HD02]. **Parallel** [dLR02].
Parallelism [DK02]. **Particle** [SWK⁺02].
PC [KKN⁺02]. **Peak** [PTV02].
Classical [KKN⁺02]. **Perfect** [HAS02].
Performance [AV02].
Personalized [WCHS02]. **Petaflops** [SZ02].
Phylogenetic [SLMW02].
Pipelined [ASTK02]. **Pivoting** [GL02].
planetesimals [MKFD02].
Portals [WCHS02]. **Potential** [EGC02].
Prediction [SCW⁺02].
Proactivity [BWS02]. **Problems** [DK02].
Proceedings [IEE02]. **Process** [Tra02].
Processor [GcC02].
Processor-In-Memory [SZ02].
Processors [PZKK02]. **Program** [PTV02].
Programs [PH02]. **Propagation** [ABG02].
Proteus [CGG02]. **Proxy** [AKSS02].
Proxy-G [AKSS02].

QMView [BGE⁺02]. **QoS** [PcC02].
QoS-Capable [PcC02].
Quantum [BBC⁺02a].
Quantum-Mechanical [KKN⁺02].
Quantum-Mechanical/
Classical [KKN⁺02]. **Query** [AKSS02].

region [MKFD02]. **Replacement** [OOS02].
Replica [CDF⁺02]. **Research** [HIT⁺02].
Reservoir [HIT⁺02]. **Resource** [SW02].
Revisited [PTV02]. **Route** [GcC02].
Router [PcC02].

- Salinas** [BPR⁺02]. **SC2002** [IEE02].
Scalable [AV02]. **Scaling** [Wor02].
Scattering [HAS02].
Scheduling [ASTK02]. **Scheme** [TRN02].
Science [SMSY02]. **Scientific** [dLR02].
Separated [EG02].
Service [LMN02, SW02].
Services [PFY⁺02]. **SIGMA** [DEHS02].
Signatures [dLR02].
simulation [MKFD02].
Simulations [SWK⁺02].
Simulator [DEHS02, YIU⁺02].
Sky [AZV⁺02]. **Sloan** [AZV⁺02].
SmartPointers [WCHS02]. **SMP** [HD02].
SMPs [ASTK02]. **Software** [BPR⁺02].
Solid [BPR⁺02]. **Solution** [TRN02].
Sound [KHLL02]. **Sparse** [GL02].
Spectral [YIU⁺02]. **Static** [GL02].
Stochastic [DK02]. **Storage** [OOS02].
STORM [FPF⁺02]. **Streams** [MAG⁺02].
Structural [BPR⁺02]. **Study** [EGC02].
Subtree [SLMW02]. **Sun** [SJ02].
Supercomputer [AAA⁺02].
Support [RR02]. **Surfaces** [HAS02].
Survey [AZV⁺02]. **Sustained** [PTV02].
Synchronization [RH02].
Synthesis [BBC⁺02a]. **System** [NZ02].
Systemic [HNA02].
- Tables** [MS02]. **Tapping** [KHLL02].
Tasks [RR02]. **TCP** [HNA02].
Techniques [AV02].
Technology [SWK⁺02]. **Terabytes** [IEE02].
Terascale [SWK⁺02]. **Tflops** [MKFD02].
Thousands [PZKK02]. **Three** [SMSY02].
Three-dimensional [SMSY02].
Tiled [ASTK02]. **Tiling** [PH02].
Tolerant [TRN02]. **Topology** [Tra02].
Transfer [AGGD02]. **Transform** [STF⁺02].
Tree [SLMW02]. **Triangular** [TRN02].
Tuning [DMT02]. **Turbulence** [YIU⁺02].
- Ultra** [SJ02]. **Ultra-High** [SJ02].
Unscalable [Wor02]. **UPC** [EGC02].
- Uranus** [MKFD02].
Uranus-Neptune [MKFD02].
USA [IEE02]. **Using** [MS02].
Utilization [HIT⁺02].
- V** [BBC⁺02b]. **Vector** [VDY⁺02].
Vectors [SLMW02]. **Virtual** [AZV⁺02].
Visualization [SWK⁺02].
Volatile [BBC⁺02b].
- Wave** [ABG02]. **Weather** [SW02].
Web [Hos02]. **Wide** [BGE⁺02].
World [BGE⁺02].

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