A Bibliography of Supercomputing '97

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Abstract

This bibliography records articles presented at the Supercomputing '97 conference.

Title word cross-reference

N [BS97b].

-Body [BS97b].

Access [MR97]. **ACM/IEEE** [ACM97]. **Active** [LMC97]. **Adaptive** [BS97b, PBEK97, SdG+97]. **Aeroacoustic** [NOL97]. **Air** [LSA97]. **Algebra** [ABE+97]. **Algorithm** [Fie97]. **Algorithms** [PBEK97]. **Analysis** [ABGS97, TNM+97]. **Application** [KKCB97, KG97]. **Application-level** [KG97]. **Applications** [KPS97, LLWB97]. **Architecture** [GBF+97, KG97, Lei97, SB97]. **Architectures** [BW97]. **ASCI** [LLWB97]. **Assimilation** [LEG+97]. **Atmosphere** [TFS+97]. **Atmosphere-ocean** [TFS+97].

Balancing [HK97]. **based** [EGCL97, KK97, KG97, NOL97]. **Benard** [CHMS97]. **Benchmarks** [HLK97]. **block** [HJG+97]. **Blocks** [SdG+97]. **Body** [BS97b].

Cache [HLK97]. **Cache-coherent** [HLK97]. **Calculations** [LLC+97]. **California** [ACM97]. **Carbon** [SB97]. **Cases** [TOK97]. **centric** [LLWB97]. **Characteristics** [Jet97]. **Characterization** [LLWB97]. **Checkpointing** [CLP97, NMM97]. **Circulation** [WKC97]. **Classification** [MR97]. **client** [TNM+97]. **Climate** [TFS+97]. **CLIP** [CLP97]. **Cluster** [LMC97, TOK97]. **Clusters** [BS97a]. **CM** [NOL97]. **Code** [KPS97]. **coherent**

[HLK97]. **Collaborative** [Lei97]. **Collector** [ETY97]. **Common** [PBEK97]. **Communication** [BS97a, CCvK97, CC97]. **Compilers** [LZ97]. **Compiling** [KPS97, RMCKB97]. **Computation** [HJ97, KG97]. **Computers** [EGCL97]. **Computing** [ACM97, GBF+97, LEG+97, MT97, TNM+97]. **Concept** [HJG+97]. **Conference** [ACM97]. **Conquer** [de 97]. **Cooperation** [ABC+97]. **CORBA** [KG97]. **CORBA-based** [KG97]. **CRAY** [LLC+97].

Data [Joh97, LEG+97, NSC97, PBEK97, SdG+97, TOK97]. **Database** [TOK97]. **Decision** [LSA97, TOK97]. **Decks** [NOL97]. **Dense** [Fau97]. **Design** [ABE+97, Lei97, LSA97]. **Diffusion** [Fau97]. **Distributed** [HJ97, Joh97, KG97, Lei97, NMM97, BW97]. **Divide** [de 97]. **duration** [TFS+97]. **During** [VG97]. **Dusty** [NOL97]. **Dynamic** [HK97, WM97]. **Dynamics** [SB97].

Effects [BS97a]. **Efficient** [BS97b]. **End** [BS97a, GBF+97]. **Environment** [MFGD97]. **Environments** [Jet97, Lei97]. **Equation** [LZ97]. **Evaluating** [CCvK97]. **Evaluation** [KKCB97, LZ97, LLWB97]. **Experiment** [KM97]. **Exploiting** [MR97].

Factorization [KK97]. **fetching** [VG97]. **fidelity** [HJG+97]. **File** [BDK97]. **Flexible** [Lei97]. **Flow** [CHMS97]. **FM** [CC97]. **FM-QoS** [CC97]. **FOAM** [TFS+97]. **Fock** [KKCB97]. **Forecasting** [WSP97]. **Fortran** [NOL97, RMCKB97]. **Fortran-based** [NOL97]. **Functions** [SSU97].

Gang [Jet97]. **Garbage** [ETY97]. **General** [WKC97]. **Global** [MR97, TNM+97]. **Grid** [WM97].

Handling [Joh97]. **Hardware** [ABC+97]. **Hardware-Software** [ABC+97]. **Hartree** [KKCB97]. **Hierarchy** [HLK97]. **High** [ACM97, GBF+97, GH97, HJG+97, HJ97, Joh97, MT97, SdG+97, TNM+97, NOL97, RMCKB97]. **High-end** [GBF+97]. **High-fidelity** [HJG+97]. **High-speed** [Joh97]. **Highly** [BS97b]. **HPF** [LZ97]. **Hydrodynamic** [SS97]. **Hydrodynamics** [Fie97].

I/O [BDK97, KKCB97]. **ILU** [KK97]. **Image** [EGCL97]. **Implementation** [LZ97]. **Implementations** [BS97b, Fie97, WM97]. **Implementing** [WSP97]. **Information** [MFGD97]. **Infrastructure** [PBEK97]. **Input** [MR97]. **Input/Output** [MR97]. **Instrumentation** [Joh97]. **Integrating** [MT97]. **Intel** [GH97]. **Interconnect** [Cha97]. **Interoperability** [Lei97]. **Issues** [Lei97].

Jose [ACM97].

LAN [TNM+97]. **LAN/WAN** [TNM+97]. **Languages** [NSC97]. **LANL** [LLWB97]. **Large** [ETY97, SB97]. **Large-scale** [ETY97, SB97]. **level** [HJG+97, KG97]. **Libraries** [ABE+97]. **Life** [NOL97]. **Limitations** [CCvK97]. **Linear** [ABE+97, LZ97, LSA97]. **Load** [HK97]. **Long** [TFS+97]. **Long-duration** [TFS+97]. **Loop** [VG97]. **Loss** [SSU97].

Machines [ETY97]. **Management** [KM97, LSA97, PBEK97]. **Marangoni** [CHMS97]. **Marginal** [SSU97]. **Mark** [ETY97]. **Mark-sweep** [ETY97]. **Massively** [CJK+97, Fau97]. **Matlab** [MT97]. **Matrix** [KPS97]. **Measuring** [HLK97]. **Memory** [BS97a, HLK97, LLWB97, BW97, ETY97, Fie97, SB97]. **Memory-centric** [LLWB97]. **Mergers** [SS97]. **Message** [CLP97, Fie97]. **Message-passing** [CLP97, Fie97]. **Messages** [LMC97]. **Metacomputing**

[WSP97]. **Methods** [BS97b, WM97]. **Micro** [GH97, HLK97]. **Micro-Ops** [GH97]. **Mining** [TOK97]. **Model** [NOL97, TFS+97, WKC97, BW97]. **Molecular** [HK97, SB97]. **MPI** [LZ97]. **MPMD** [CCvK97]. **MPP** [CHMS97]. **Multi** [HJG+97, LMC97, TNM+97]. **Multi-block** [HJG+97]. **Multi-client** [TNM+97]. **Multi-level** [HJG+97]. **Multi-protocol** [LMC97]. **MultiMATLAB** [MT97]. **Multiprocessor** [ABGS97]. **Multiprocessors** [HLK97]. **Multiprogrammed** [Jet97].

Nanotubes [SB97]. **NASA** [LEG+97]. **Network** [WSP97]. **Networked** [MFGD97]. **Networking** [ACM97]. **Neutron** [SS97]. **Ninf** [TNM+97]. **Node** [TOK97]. **Noise** [de 97]. **Non** [LSA97]. **Non-linear** [LSA97]. **November** [ACM97]. **Numerical** [LLC+97].

O [BDK97, KKCB97]. **Ocean** [WKC97, TFS+97]. **Office** [LEG+97]. **Online** [Joh97]. **Ops** [GH97]. **Optimization** [Fie97, KKCB97, LSA97, WKC97]. **ordering** [VG97]. **Origin2000** [LLWB97]. **Overset** [WM97]. **Overview** [ABE+97].

Page [SSU97]. **Parallel** [ABE+97, BDK97, BS97b, CLP97, CJK+97, EGCL97, Fau97, HK97, KK97, KG97, KPS97, LSA97, LZ97, LEG+97, MT97, NMM97, NSC97, TOK97, WKC97, WM97]. **Parallelization** [HJG+97]. **Parameters** [BS97a]. **PARDIS** [KG97]. **passing** [CLP97, Fie97]. **PASSION** [KKCB97]. **Pattern** [MR97]. **PC** [TOK97]. **PDE** [PBEK97]. **IEEE** [ACM97]. **Output** [MR97]. **WAN** [TNM+97]. **Pentium** [GH97]. **Performance** [ACM97, ABGS97, BS97a, CCvK97, GH97, HJ97, HLK97, Jet97, KM97, LLWB97, MT97, NSC97, NOL97, RMCKB97, SdG+97, TNM+97, BW97, WSP97]. **Persistence** [Lei97]. **Phenomena** [TFS+97]. **PLAPACK** [ABE+97]. **Polymeric** [Fau97]. **Portable** [BS97b, NSC97]. **Porting** [NOL97]. **Pre** [VG97]. **Pre-fetching** [VG97]. **Preserving** [HK97]. **Pro** [GH97]. **Proceedings** [ACM97]. **Processing** [MFGD97, TOK97]. **Processors** [GH97]. **Programming** [BW97]. **Programs** [BDK97, CLP97]. **protocol** [LMC97].

QCDSP [CJK+97]. **QoS** [CC97]. **Quality** [LSA97]. **Query** [TOK97].

Radiation [SS97]. **Radiation-hydrodynamic** [SS97]. **Rayleigh** [CHMS97]. **Rayleigh-Benard-Marangoni** [CHMS97]. **Re** [VG97]. **Re-ordering** [VG97]. **Real** [CC97]. **Real-time** [CC97]. **Recovery** [NMM97]. **Registration** [EGCL97]. **Remote** [HJ97]. **Replacement** [SSU97]. **Results** [NOL97]. **Run** [VG97]. **Run-time** [VG97].

San [ACM97]. **SC97** [ACM97, ACM97]. **Scalable** [ETY97, MFGD97, NMM97, SS97]. **scale** [CJK+97, ETY97, SB97]. **Scaling** [Fie97]. **Schedules** [CC97]. **Scheduling** [Jet97]. **Self** [CC97]. **Self-synchronizing** [CC97]. **Sensing** [HJ97]. **Service** [WSP97]. **SGI** [LLWB97]. **Shared** [BS97a, ETY97, Fie97, SB97, BW97]. **Shared-memory** [ETY97, Fie97, SB97, BW97]. **Simulation** [BDK97, SB97]. **Simulations** [Fau97, HK97]. **SMP** [Cha97]. **SMPs** [LMC97, BW97]. **SNIPE** [MFGD97]. **Software** [ABC+97, GBF+97, GH97]. **Solution** [CHMS97]. **Solutions** [PBEK97]. **Solver** [LZ97]. **Solvers** [HJG+97]. **Sparse** [KPS97]. **speed** [Joh97]. **Spot** [de 97]. **Starfire** [Cha97]. **Stars** [SS97]. **Stencils**

[RMCKB97]. **Strategy** [NMM97]. **Structure** [SdG+97]. **Structures** [Fau97]. **Studies** [SS97]. **Study** [BW97]. **Studying** [TFS+97]. **Supercomputer** [CJK+97]. **Support** [KM97, LSA97, TOK97]. **Supporting** [Lei97]. **sweep** [ETY97]. **synchronizing** [CC97]. **System** [GBF+97, LSA97, TNM+97, WSP97]. **Systems** [BDK97, Joh97, NMM97].

T3E [ABGS97, LLC+97]. **Tera** [ABC+97]. **Teraflop** [CJK+97]. **Teraflop-scale** [CJK+97]. **TeraFLOPS** [GH97]. **Threshold** [KK97]. **Threshold-based** [KK97]. **time** [CC97, VG97]. **Tokamak** [LLC+97]. **Tool** [CLP97]. **Topology** [HK97]. **Tuning** [KM97]. **Turbulence** [LLC+97].

USA [ACM97]. **Using** [CC97, HLK97, LZ97, SSU97, BW97].

Virtual [BS97a, Lei97].

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Zeus [Fie97].

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