A Complete Bibliography of *ACM Transactions on Parallel Computing (TOPC)*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/

11 March 2019  
Version 1.12

Title word cross-reference

2013 [DH15], 2014 [MSS16], 2016 [BHHL17a, BHHL17b, Gil18].

3 [HDT+15].


Applications [BBPS19, BGA+16, CDG17, WMP14]. Applied [MA18]. Approximate [LPY18, ST17]. Architectural [HHA17].

[LTL+18]. Autotuning [BBPS19, LTL+18]. Avoiding [BDK15]. Aware [KR18].


Damaris [DAC+16]. Data [AG18, DAC+16, GNC+17, HHA17, KHSL16, MG17, RB14, ZLLD18].


Framework [MA18]. Free [ZLLD18]. Frequency [XZZY15]. Futures [HL16].
Games [BGLP16, FLEN15]. General [BCRS16, DMS15, MSD19].


Hardware [HKL+14, PRS16]. Hash [MSD19]. Hedonic [FLEN15]. Heuristics [SA16]. Hierarchies [KN17]. High [BDA+18, KH15, MGG15, MA18, XZZY15].

High-Frequency [XZZY15]. High-Quality [BDA+18].

High-Throughput [XZZY15]. HPC [BBPS19]. Hybridizing [CZS+17].

Hypergraph [BDKS16]. Hypergraphs [BGHS16]. Hyperobjects [LS18].

I/O [BBPS19]. IBM [HKL+14].


In-Memory [CDG17]. increment [AH19]. Independent [BGHS16, BDA+18].


Introduction [ALS18, BHHIL17a, BHHIL17b, DH15, Gil18, Gro17, Her15, LDM16, Lil14, MSS16, PRS15, Gib14]. Inversion [SSS15]. IRIS [ES15]. irregular [REP+14]. Issue [ALS18, BHHIL17a, BHHIL17b, DH15, Gil18, LDM16, MSS16, PRS15]. Iterations [AG18].

Jobs [JMNY15]. Joint [SA16].

Large [BGA+16, JMNY15, MA18, PRS18]. Large-Scale [BGA+16]. Lease [HHA17].


Lock [ALB+18, DMS15, ZLLD18]. Lock-Free [ZLLD18]. Locking [GGRSY17, KN17].


Matching [AG18]. Matrix [ASA18, BDKS16, BHB+15, SSS15].

Maximal [BGHS16, BDA+18]. Maximum [AG18, MP15].

Mechanisms [JMNY15].

Memory [ALMS18, CDG17, DMB16, DR15, EDMSV15, HDT+15, KUCT15, MHLK18, MMF+15, REP+14]. Memory-Starved [MHLK18]. Message [PRS16].


Multicore/Multichip [RB14]. Multicores [CR17]. Multidimensional [MHLK18].

Multiplatform [SMM+16]. Multiple [BOU16, BHB+15, CB16, KP15].

Multiplication [ASA18, BDKS16].

Multiported [SG15]. Multisplit
Multithreaded [ALB+18]. Multiway [GNC+17]. Mutual [AH19].

Nests [DMB16]. Network
BGLP16, MSA+18. Network-on-Chip [MSA+18].
Networks [SG15, TJK15, YNM16]. Nodes [RB14].
Noise [HS15]. Noise-Tolerant [HS15].
Nonblocking [IS17]. Nonuniform [HS15].
NUMA [DMS15, MG17]. Number [AG18].

OpenMP [KH15]. Open-Thread Optimizations [DKKM15]. Parallelizing [MSA+17]. Parallelizability [AG18, CR17, JPK18].
Parallelism [LLS+15]. Parallelizability [IMPT16]. Parallelization [BGA18, LGHS16, ON/O 17, DMB16, JPK18].
Passing [PRS15]. Path [YNM16]. Peeling [JMT16].

Performance [BBPS19, DAC+16, HKL+14, JCG+14, KH15, MGG15, MA18, RB14, SA16].
Polylogarithmic [SSS15]. Portable [MG17]. Post [DAC+16]. Post-Petascale [DAC+16].
Power [JCG+14, TJK15].
POWER7 [JCG+14]. PowerEN [HKL+14].
PowerLyra [CSC+18]. PPoPP [BHHL17a, BHHL17b]. PPoPP’12 [PRS15].
PPoPP’14 [LDML16]. PPoPP’15 [Gro17].
Precise [KUCT15]. Preconditioned [GWWL16]. Prediction [AM18].
Prefetching [JC+14]. Primal [AG18].
Probabilistic [KR18]. Problem [MP15].
Processing [BOU16, SG18]. Processor [HKL+14].
Profitable [KP15]. Programming [CGT+17, HDT+15, MMM16].
Protocol [LTL+18]. Pruning [SMM16]. Purpose [BCRS16].

QoS [MMF+15]. Quality [BBPS19].
Race [DVS18, KUCT15, LS18]. Random [DPRR15, MRR18]. Randomized [LPY18].
Rank [MMM16]. Rapidly [LTL+18]. Rates [HS15]. Reclamation [ALMS18].
Reconfigurable [MSA+18].
Reconfigurable-Allocator [MSA+18].
Recursive [CGT+17]. Reducer [LS18].
Reduction [DK15, DR15]. Relaxing [CZS+17]. Release [HHA17].
Remote [HDT+15]. Requirements [MMF+15].
Root [BGA+16]. Routers [XZZY15]. routine [SG18].
Routing [YNM16]. Runtime [CZS+17, DMB16, JPK+15, TJK15].

ScalabiliTy [CDG17]. Scalable [ALMS18, GGRSY17, KUCT15, KP15, MGG15].
Scale [BGA+16, TJK15]. Scaling [AS18, HHA17].
Schedulers [SBF+16, TDB16].
Scheduling [AKMW18, DMB16, EDMSV15, IMPT16, JNMY15, TKSL16, KP15].
SciPAL [KH15].
Search [LPY18, MP15]. Section [Gro17]. Selecting [BOU16]. Semantic [GGRSY17].
Sensitive [JMNY15]. Sequence [SMM+16].
Set [BDA+18]. Sets [BGS16]. Shape [MP15]. Shared [DB16]. Sharing [CB16].
REFERENCES


Traversa [MGG15]. Tree [MP15, SB14]. Trees [EDMSV15]. Two [DVS18]. Types [GNC+17].

Unit [BOU16]. Using [KHSL16, TDB16].

Variability [DAC+16]. via [GGRSY17]. Virtual [XZZY15].


Workload [AKMW18].

X10 [THC+16].

References


REFERENCES


REFERENCES

Benoit:2016:AGP

Burtsc:her:2018:HQF

Ballard:2016:HPS

Bohme:2016:IRC

Bercea:2016:CMI

Bardo:2015:ACS

Billo:2016:LBN
Bouteiller:2015:ABF


Ballard:2017:GEIa


Ballard:2017:GEIb


Blanchard:2016:SMO


Bilardi:2018:LBT


Creech:2016:TSS


Chatzopoulos:2017:EES


Cruz:2019:ETM

[8] Eduardo H. M. Cruz, Matthias Diener, Laércio L. Pilla,

Chowdhury:2017:AAD


Cao:2017:HRD


Dorier:2016:DAP

REFERENCES


REFERENCES

Gilbert:2015:SBO


Hoefer:2015:RMA


Herlihy:2015:GEI


Haider:2017:LRA


Heil:2014:APH


Herlihy:2016:WSF


Hammouda:2015:NTE


Im:2016:CST

Sungjin Im, Benjamin Moseley, Kirk Pruhs, and Eric Torng. Competitively scheduling tasks with intermediate parallelizability. *ACM Transactions on Parallel Computing (TOPC)*, 3(1):
REFERENCES

4:1–4:??, August 2016. CODEN ????. ISSN 2329-4949 (print), 2329-4957 (electronic).

Izraelevitz:2017:GSN


Jimenez:2014:APP


Jain:2015:NOS


Jiang:2016:PPA


Jahn:2015:RRA


Kramer:2015:SET


Kaler:2016:EDD

August 2016. CODEN ???? ISSN 2329-4949 (print), 2329-4957 (electronic).

Kumar:2015:FGA


Kalikar:2017:DNM


Kling:2015:PSM


Korupolu:2018:RPF


Kestor:2015:TPD


Koutis:2016:SPD


Larus:2016:ISI


Lilja:2014:I

REFERENCES


[LTL+18] Tareq M. Malas, Georg Hager, Hatem Ltaief, and David E. Keyes. Multidimensional intratile parallelization for memory-

Maldonado:2015:STB


Maleki:2016:LRM


McCreesh:2015:SST


Mitzenmacher:2018:BBC


Mirhosseini:2018:BBA


Maier:2019:CHT

MeyeraufderHeide:2016:ISI


Pingali:2015:ISI


Petrovic:2016:LHM


Pandurangan:2018:FDA


Rane:2014:EPO


Ravishankar:2014:APC


Sheikh:2016:SHJ


Shun:2014:SPC

REFERENCES


Simhadri:2016:EAS


Sac:2015:CAM


[THC+16] Olivier Tardieu, Benjamin Herta, David Cunningham, David Grove, Prabhanjan Kambadur,
REFERENCES


