A Complete Bibliography of *ACM Transactions on Reconfigurable Technology and Systems*

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/
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**Title word cross-reference**

+ [GL08]. 2 [BPCC09, LP15]. 3 [SPS12].
-D [SPS12].

11th [AC14]. 15th [DH08]. 19th [GC13].

[MAK+12].

5 [AKA09]. 5.0 [LKJ+11].

7.0 [LGW+14]. 7th [VG14].

A-Port [PVA+09]. Abstraction [IBH+15]. Abstractions [IPC14].

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defect [RD11]. Defragmentation [FKS+12]. Delay
[LOM10, MKH+08, SC08]. Delays [GNM+15, WSC09]. Demands [RUC11].
Dense [RC10]. Dependability [KGS+12]. Dependable [Ste10]. Design
[BKT14, DL09, EWL15, IPC14, JSC14, KMK+10, MKP09, NBS13, SJT09,
SBC15, Tak12, UNBR14, HLL08, HH13, MAK+12]. design-space [HLL08].
Designing [AHL+14, FK08]. Designs [BPCC09]. Desktop [LYS+08].
Devices [FKS+12, WMG+10]. Dictionary [GRG08]. Difference
[NJLW14, SLH+10]. Differential [MMMT09]. Digital
[BNW+10, LP15, MCN12]. direct [ZBR12]. Discovery [MCL+13]. Discrete
[GdLIG+14, GPP08]. distributed [HZW+13]. Domain [DDH+11, NSS+11].
Domain-Specific [DDH+11]. don’t [MBJJ11]. don’t-care-based
[MBJJ11]. DORGA [NW11]. Double [LGD+14]. Double-Precision
[LGD+14]. DPA [LOM10]. Driven
disk15, LRA13, MWL+15, Ste10, EA11]. driver [LKJ+11]. DSP
cbfm14]. DSPs [DGP10]. Dual [HF14]. Dual-Rail [HF14]. Dynamic
cw09, DVH+15, FKS+12, KP14, LP15, VMV15, NSS+11]. Dynamically
[BBND10, DGP+15]. HHSC10, MSSM10, NNY12, TL11, HLL08, HH13,
IYY+11]. Dynamics [CH10].

ECC [DL09, GS10]. Edition [DH08]. editor [AN09]. Editorial
[CDM15, DH08, WBAM10]. Editors [SJT09]. Effect [HLC+15]. Efficient
[DD15, FK08, HU10, KSC10, RLY+15, SLH+10, CA11]. Electromagnetic
[SGM09]. Element [MVGB15]. Elementary [LGD+14]. Elimination
[NCJ+15]. Elliptic [GPP08, KBM09]. Embedded [KBT09, WHQ+08].
Encryption [SMOP15]. Energy [DSK15, LP15, CA11]. energy-efficient
Enhanced [JCCM09]. Enhancement [ABCC09]. Enhancing
[GBK+12, MCN12]. Entropy [FK08]. Environment [MCL+13].
Equations [GFL+15]. Error [DVK15]. ETA [PEM+09]. Evaluating
[LAL13]. Evaluation [LOM10, NJLW14, SMOP15]. Evaluations [KGS+12].
Evolution [CBC+12]. Evolvable [DS15]. Execution [DSK15].
Experiment [QRDC+15]. Exploitation [INF+14, MAK+12]. Exploiting
[BDGH15, CA11, EAGEG09, LCS14, LZF+10, PVB13]. Exploration
[EWL15, UNBR14, HLL08, LKJ+11]. Exploring
[JTL09]. Extended [DGP10]. Extending [GdLIG+14]. Extension
[GB11, GFBF12, MWK+12]. Extraction [GNM+15].

Fabric [BHB14, WHQ+08, SPS12]. Factor [LRA13]. Factored [KAL14].
Fast [HU10, JM14, NW11, UNBR14, SSF+13]. Fault
[BKT14, JCG+12, RLY+15]. Fault-Tolerant [BKT14, RLY+15]. Field
[AC14, CAPA+09, SCC10]. Field-Programmable [AC14, SCC10]. Filter
[BPCC09]. **Filtering** [LP15]. **Filters** [CNE+15]. **Financial** [TB10]. **Finite** [NJLW14, SLH+10, GDHG11]. **Finite-Difference** [NJLW14]. **FIR** [LP15]. **Fixed** [WL10, WMG+10]. **Fixed-** [WL10]. **flexibility** [LW08]. **Flexible** [DS15]. **Flight** [QRDC+15]. **Floating** [HU10, OBD13, RC10, WL10, dDELVP13]. **Floating-Point** [HU10, OBD13, WL10, dDELVP13]. **Floorplan** [KSCC10]. **Floorplanning** [MSSM10]. **Flow** [BNW+10, BHB14, GKM+12, RLY+15, SCC10]. **Footprint** [CW09]. **FPGA** [ABCC09, BCE+10, BPFD11, BGDH15, CA11, Che11, CW09, CZ09, DW13, DVK15, DL09, FRS+15, GP13, GFBF12, GSJC13, GRG08, HF14, HGLS11, HCOB13, IPC14, JCG+12, JCCM09, JMI4, KLC11, KM10, KMB09, KVK+11, KMK+10, KAL14, KBT09, KD10, LSC14, LW08, LZF+10, LGD+14, LAL13, LT09, LKJ+11, MAK+12, MCN12, MHS09, NN12, PDH11, PAB10, PMK11, RC10, SLH+10, SC08, SV09, TL11, TB10, UNBR14, WHQ+08, XCG+09, YXC+11, ZBR12, ZZJB13, ZBC+09]. **FPGA-Array** [SLH+10]. **FPGA-Aware** [LCS14]. **FPGA-Based** [UNBR14, ZZJB13, CZ09, JCG+12, KBT09, LT09, NNY12, RC10, YXC+11, ZBR12]. **FPGAs** [AB14, AKA09, BKT14, BAMR10, BNW+10, BPCC09, BHB14, CAPA+09, CBFM14, CXG+12, CPN+09, CFBS15, DH08, DDH+11, DD15, DGP+15, DGP10, HU10, LLO+14, LOM10, LGW+14, MHK+08, MM109, MVGB15, MSSM10, PANBI11, PVA+09, PVV13, SGM09, SSF+13, SPS12, SB08, St10, SMOP15, VMV15, WSC09, WAT15]. **FPL** [CDM15]. **FPT’12** [AC14]. **Framework** [AGSY12, CKG+10, JCG+12, RGGW10, VTN09, HLL08, SSF+13, SPS12]. **Frequent** [ZZJB13]. **FSM** [GDHG11]. **Full** [CPN+09]. **Full-System** [CPN+09]. **Fully** [KAL14]. **Function** [LG+14]. **Functional** [RUC11]. **Functions** [NCJ+15, SAD10].

**Game** [MCL+13]. **Gap** [MLW+15]. **Gate** [SCC10]. **Gaussian** [SBC10, TL08]. **General** [GFBF12]. **Generated** [HLC+15, LP15].

**Generating** [GNM+15]. **Generation** [BS15, LGW+14, MWK+12, SCC10, TL08, GL08]. **Generator** [SBC10].

**Global** [GFL+15, JSC14]. **GPP** [TB10]. **GPU** [TB10]. **GPUs** [BNW+10, CFBS15]. **Gradient** [RC10]. **Grain** [IZO+10]. **Grained** [VL11]. **Graph** [CM14, FRS+15, MVGB15]. **Graph-Based** [MVGB15]. **graphics** [BG08]. **GROK** [GNM+15]. **GROK-LAB** [GNM+15]. **Guest** [AN09, CDM15, DH08, WBAM10, SJT09].

**Hard** [AB14]. **Hardware** [AV13, BPFD11, BS15, CBC+12, CBR+14, CZ09, DS15, GPP08, HHS10, HLC+15, HLN+10, IBH+15, KBT09, MOG+13, MCC10, PSM+14, SBC10, TL08, WL10, BG08, HH13, SC11].

**Hardware-Accelerated** [MCC10]. **Hardware-Based** [HLN+10].

**Hardware/Software** [HHS10, HH13, SC11]. **Hash** [LAB15]. healthier [ZH12]. **heterogeneity** [LKJ+11]. **Heterogeneous** [ASGY12, AHL+14, BPCC09, CNE+15, GFL+15, KSCC10, KP14, OVT+12, PMK11, SPS12].
Hiding [MMMT09, THK12]. High
[BS15, CH10, CKG+10, EAGEG09, HNS+10, HLC+15, IPC14, MH15, NBS13, RC10, SPM+10, SGM09, TB10, ZBC+09, MAK+12, PANBI11].
Homogeneous [LAL13]. Hybrid [DS15]. HyperTransport [SGNB08].

I/O [MHS09]. ICFPT [AN09]. iDEA [CBFM14]. Identification [DVH+15].
Idle [NCJ+15]. II [SMOP15]. III [SMOP15]. Image [CZ09].
Implementation [AV13, GRG08, HF14, LGD+14, MKP09, OBD13, RC10, SV09, SAD10, CA11, SSF+13]. Implementations [BDGH15].
Intrinsic [MHK+08]. Introduction [AC14, Bec14, BL08, Che11, CWBD09, GC13, Hüb12, SJT09, VG14, AN09].

JIT [BPFD11]. JITPR [SSF+13].

Key [GFBF12]. Knowledge [GNM+15].

Lab [MCN12, GNM+15]. LambdaRank [YXC+11]. Language [CKG+10].
Loop [DSB09]. Loops [PMC+14, PFC15]. Low [DS15, FRS+15, KBM09, KCC+14, ZBC+09, ZH12]. Low-Complexity [FRS+15]. Low-cost [ZH12]. Low-Level [DS15]. Low-Power [KBM09, KCC+14, ZBC+09]. LUT [FK08, HF14, JCCM09].


[BAMR13, BC11]. **Option** [JTLC09]. ** Oriented** [TL11, VL11, WHQ+08]. **Oscillator** [YKBS10, ZH12]. **Overclocking** [SBC15]. own [RD11].


**R** [R3TOS]. **R3TOS** [IBH+15]. **Radiations** [SGM09]. **Radio** [PVM+09]. **Rail** [HF14]. **Random** [LOM10, SBC10, TL08]. **Randomized** [DL09]. **RankBoost** [XCG+09]. **Rapid** [HNG09, RGGW10]. **RAT** [HNG09]. **Rate** [IABV15]. **RAW** [GC13]. **RC** [HNG09]. **Real** [ABCC09, BHB14, GNM+15, HHSC10, INF+14, IBH+15]. **Real-Time**
[ABCC09, BHB14, HHSC10, INF+14, IBH+15]. Recipes [DGP10].

Recognition [DDH+11], reconﬁgurability [SC11]. Reconﬁgurable
[ASGY12, AV13, BBND10, Bec14, BHB14, CBC+12, CNE+15, CH10, CBR+14, CKG+10, DGP+15, DS09, DDB+10, EAGEG09, FKS+12, GFL+15, GKM+12, GC13, GdLJJ+14, HCOB13, HHSC10, HNS+10, HLN+10, IZO+10, IBH+15, JCG+12, JTL09, KMK+10, KCC+14, LYS+08, MHI5, MKP09, MWK+12, MSSM10, NNY12, NBS13, NJLW14, Oli12, PP10, PFC15, RGGW10, RUC11, SPM+10, SJT09, SAD10, TL11, THK12, TL08, UHU09, VL11, VTN09, VG14, WL10, WMG+10, dDELVP13, AGY+11, BG08, GDHG11, HLL08, HH13, IYY+11, KSG11, ZH12]. Reconﬁguration
[DS15, EAGEG09, GFBF12, HNS+10, JSC14, KD10, LCS14, JCG+12, LZF+10, NW11, NCJ+15, PPR+10, RLY+15, VMV15, ZBC+09, NSS+11, PDH11].

ReCoSoC
[Hub12]. ReCoSoC'12 [VG14].

Reduce [PSM+14]. Reducing [BAMR10].

Reduction [CW09, SLH+10]. References [BAMR13]. Regular [LT09].

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[DSK15]. Reliable [IBH+15, JCG+12]. Relocatable [HHSC10]. Remote
[MBE+10, MCN12, VMV15]. ReShape [NBS13]. Resilient [INF+14].

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[YKBS10, ZHI2]. RIVER [BHB14]. RNA [GCC10]. Road [UHU09].

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[CW09, FRS+15, IZO+10, SB08, GL08, LKJ+11, RD11]. RTL [DVH+15].

RTR [ZBC+09]. Runtime
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[CPN+09, MBJ+11, OWMZ+11, SLH+10, ZBR12]. Scaling [NNY12, LKJ+11].

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Schemes [OBD13, SV09]. Science [UHU09]. Scientiﬁc [RUC11]. SDM
[LL12]. Search [XCG+09, YX+11]. Searching [PEM+09]. Secondary
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Self-Adaptive [PMC+14, DGP+15]. Self-Alignment [OBD13].

Self-Aware [BKT14, NJLW14]. Self-Awareness [AHL+14, Bec14].

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[GL08]. sensing [ZH12]. Separable [LP15]. Sequence [JLB+08]. Set
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Systems-on-Chip [GdLIG+14, VG14].
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[OWMZ11]. transactional [LJS11]. Transient [PEM+09]. Transition
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[CPN+09, DL09, FK08, FR+15, GNM+15, LP15, NW11, RLY+15, JSC14,
KSCC10, MHK+08, PMK11].

Validation [IPC14]. Value [THK12]. Variable [IZO+10, WL10, Oli12].
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[DDB+10, YEC+09, BC11]. VFloat [WL10]. via [CBC+12]. Video
[ABCC09, LP15]. Virtex [AKA09]. Virtex-5 [AKA09]. Virtual
[TB10]. VTR [LGW+14].

Wait [BAMR13]. Wave [SV09]. Wave-Pipelined [SV09]. WDDL
[MMMT09]. Web [XCG+09, YXC+11]. WiMax [SAD10]. Window
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