A Complete Bibliography of Publications in *ACM Letters on Programming Languages and Systems (LOPLAS)*

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References

Briggs:1992:CRP

[1] Preston Briggs, Keith D. Cooper, and Linda Torczon. Coloring register pairs. *ACM Letters on Programming Languages and Systems*, 1(1):3–13, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http:`

//www.acm.org/pubs/toc/Abstracts/1057-4514/130617.html.

Burke:1992:PEI

[2] Michael Burke and Jong-Deok Choi. Precise and efficient integration of interprocedural alias information into dataflow analysis. *ACM Letters on Programming Languages and Systems*, 1(1):14–21, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130618.html.

Cooper:1992:USE

[3] Keith D. Cooper, Mary W. Hall, and Linda Torczon. Unexpected side effects of inline substitution: a case study. *ACM Letters on Programming Languages and Systems*, 1(1):22–32, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130619.html.

Dornic:1992:PTS

[4] Vincent Dornic, Pierre Jouvelot, and David K. Gifford. Polymorphic time systems for estimating program complexity. *ACM Letters on Programming Languages and Systems*, 1(1):33–45, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130620.html.

Johnson:1992:RLR

[5] Ralph E. Johnson. Reducing the latency of a real-time garbage collector. *ACM Letters on Programming Languages and Systems*, 1(1):46–58, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130621.html.

McKenney:1992:GPC

[6] Bruce McKenney and Boleslaw K. Szymanski. Generating parallel code for SIMD machines. *ACM Letters on Programming Languages and Systems*, 1(1):59–73, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130622.html.

Netzer:1992:WRC

[7] Robert H. B. Netzer and Barton P. Miller. What are race conditions?: Some issues and formalizations. *ACM Letters on Programming Languages and Systems*, 1(1):74–88, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130623.html.

Singh:1992:RGT

[8] Ambuj K. Singh. On reasoning with the global time assumption. *ACM Letters on Programming Languages and Systems*, 1(1):89–103, March 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/130624.html.

Asuru:1992:OAS

[9] Jonathan M. Asuru. Optimization of array subscript range checks. *ACM Letters on Programming Languages and Systems*, 1(2):109–118, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151392.html.

Dietrich:1992:SPA

[10] Suzanne W. Dietrich. Shortest path by approximation in logic programs. *ACM Letters on Programming Languages and Systems*, 1(2):119–137, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151377.html.

Goldberg:1992:DFD

[11] David Goldberg. The design of floating-point data types. *ACM Letters on Programming Languages and Systems*, 1(2):138–151, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151373.html.

McConnell:1992:USS

[12] Carl McConnell and Ralph E. Johnson. Using static single assignment form in a code optimizer. *ACM Letters on Programming Languages and Systems*, 1(2):152–160, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151368.html.

Tarditi:1992:NAR

[13] David Tarditi, Peter Lee, and Anurag Acharya. No assembly required: compiling standard ML to C. *ACM Letters on Programming Languages and Systems*, 1(2):161–177, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151343.html.

Weiss:1992:TCC

[14] Michael Weiss. The transitive closure of control dependence: the iterated join. *ACM Letters on Programming Languages and Systems*, 1(2):178–190, June 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151337.html.

Danvy:1992:CAS

[15] Olivier Danvy and John Hatcliff. CPS-transformation after strictness analysis. *ACM Letters on Programming Languages and Systems*, 1(3):195–212, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151641.html.

Fraser:1992:ESE

[16] Christopher W. Fraser, David R. Hanson, and Todd A. Proebsting. Engineering a simple, efficient code-generator generator. *ACM Letters on Programming Languages and Systems*, 1(3):213–226, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://storage.webhop.net/documents/iburg.pdf; http://www.acm.org/pubs/toc/Abstracts/1057-4514/151642.html; http://www.cs.princeton.edu/software/iburg/.

Hall:1992:ECG

[17] Mary W. Hall and Ken Kennedy. Efficient call graph analysis. *ACM Letters on Programming Languages and Systems*, 1(3):227–242, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.

org/pubs/toc/Abstracts/1057-4514/151643.html.

Hummel:1992:ADP

[18] Joseph Hummel, Laurie J. Hendren, and Alexandru Nicolau. Abstract description of pointer data structures: an approach for improving the analysis and optimization of imperative programs. *ACM Letters on Programming Languages and Systems*, 1(3):243–260, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151644.html.

Pugh:1992:DDD

[19] William Pugh. Definitions of dependence distance. *ACM Letters on Programming Languages and Systems*, 1(3):261–265, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151645.html.

Ramkumar:1992:DLC

[20] Balkrishna Ramkumar. Distributed last call optimization for portable parallel logic programming. *ACM Letters on Programming Languages and Systems*, 1(3):266–283, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151345.html.

Walker:1992:MIV

[21] Kenneth Walker and Ralph E. Griswold. The maintenance of intermediate values in goal-directed evaluation. *ACM Letters on Programming Languages and Systems*, 1(3):284–298, September 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/151341.html.

Fritzson:1992:GAD

[22] Peter Fritzson, Nahid Shahmehri, Mariam Kamkar, and Tibor Gyimothy. Generalized algorithmic debugging and testing. *ACM Letters on Programming Languages and Systems*, 1(4):303–322, December 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/161498.html.

Landi:1992:USA

[23] William Landi. Undecidability of static analysis. *ACM Letters on Programming Languages and Systems*, 1(4):323–337, December 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/161501.html.

Nilsen:1992:COS

[24] Kelvin D. Nilsen and William J. Schmidt. Cost-effective object space management for hardware-assisted real-time garbage collection. *ACM Letters on Programming Languages and Systems*, 1(4):338–354, December 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/161508.html.

Srivastava:1992:UPO

[25] Amitabh Srivastava. Unreachable procedures in object-oriented programming. *ACM Letters on Programming Languages and Systems*, 1(4):355–364, December 1992. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL http://www.acm.org/pubs/toc/Abstracts/1057-4514/161517.html.

Ball:1993:WRC

[26] Thomas Ball. What's in a region?: or computing control dependence regions in near-linear time for reducible control flow. *ACM Letters on Programming Languages and Systems*, 2(4):1–16, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176456.html`.

Beaven:1993:ETE

[27] Mike Beaven and Ryan Stansifer. Explaining type errors in polymorphic languages. *ACM Letters on Programming Languages and Systems*, 2(4):17–30, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176460.html`.

Binkley:1993:PEI

[28] David Binkley. Precise executable interprocedural slices. *ACM Letters on Programming Languages and Systems*, 2(4):31–45, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176473.html`.

Boehm:1993:IML

[29] Hans-J. Boehm, Alan J. Demers, and Chris Uhler. Implementing multiple locks using Lamport's mutual exclusion algorithm. *ACM Letters on Programming Languages and Systems*, 2(4):46–58, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176479.html`.

Briggs:1993:ERS

[30] Preston Briggs and Linda Torczon. An efficient representation for sparse sets. *ACM Letters on Programming Languages and Systems*, 2(4):59–69, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176484.html`.

Bumbulis:1993:RMV

[31] Peter Bumbulis and Donald D. Cowan. RE2C: a more versatile scanner generator. *ACM Letters on Programming Languages and Systems*, 2(4):70–84, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176487.html`.

Cameron:1993:ECG

[32] Robert D. Cameron. Extending context-free grammars with permutation phrases. *ACM Letters on Programming Languages and Systems*, 2(4):85–94, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176490.html`.

Choudhary:1993:UCF

[33] Alok Choudhary, Geoffrey Fox, Seema Hiranandani, Ken Kennedy, Charles Koelbel, Sanjay Ranka, and Chau-Wen Tseng. Unified compilation of Fortran 77D and 90D. *ACM Letters on Programming Languages and Systems*, 2(4):95–114, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176495.html`.

Day:1993:RRM

[34] Mark Day, Barbara Liskov, Umesh Maheshwari, and Andrew C. Myers. References to remote mobile objects in Thor. *ACM Letters on Programming Languages and Systems*, 2(4):115–126, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176500.html`.

Eyre-Todd:1993:DDR

[35] Richard A. Eyre-Todd. The detection of dangling references in C++ programs. *ACM Letters on Programming Languages and Systems*, 2(4):127–134, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176504.html`.

Gupta:1993:OAB

[36] Rajiv Gupta. Optimizing array bound checks using flow analysis. *ACM Letters on Programming Languages and Systems*, 2(4):135–150, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176507.html`.

Kaser:1993:CID

[37] Owen Kaser, C. R. Ramakrishnan, and Shaunak Pawagi. On the conversion of indirect to direct recursion. *ACM Letters on Programming Languages and Systems*, 2(4):151–164, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176510.html`.

Larus:1993:CSM

[38] James R. Larus. Compiling for shared-memory and message-passing computers. *ACM Letters on Programming Languages and Systems*, 2(4):165–180, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176514.html`.

Marriott:1993:PEG

[39] Kim Marriott and Harald Søndergaard. Precise and efficient groundness analysis for logic programs. *ACM Letters on Programming Languages and Systems*, 2(4):181–196, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176519.html`.

Marriott:1993:SCL

[40] Kim Marriott and Peter J. Stuckey. Semantics of constraint logic programs with optimization. *ACM Letters on Programming Languages and Systems*, 2(4):197–212, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176522.html`.

Metzger:1993:ICP

[41] Robert Metzger and Sean Stroud. Interprocedural constant propagation: an empirical study. *ACM Letters on Programming Languages and Systems*, 2(4):213–232, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176526.html`.

Qian:1993:RON

[42] Xiaolei Qian and Allen Goldberg. Referential opacity in nondeterministic data refinement. *ACM Letters on Programming Languages and Systems*, 2(4):233–241, March 1993. CODEN ALPSE8. ISSN 1057-4514 (print), 1557-7384 (electronic). URL `http://www.acm.org/pubs/toc/Abstracts/1057-4514/176578.html`.