



## Third International Symposium on Programming Language Implementation and Logic Programming

26 - 28 August 1991 - Passau, FRG

### Call For Papers

The aim of the symposium is to explore new declarative concepts, methods and techniques relevant for implementation of all kinds of programming languages, whether algorithmic or declarative. The intention is to bring together researchers from the fields of logic programming, algorithmic programming languages, functional programming and objectoriented programming. The topics include, but are not restricted to:

- declarative implementation techniques
- implementation of declarative concepts and modules
- executable specification
- compiler specification and construction
- program transformation
- programming environments for declarative languages
- amalgamation of logic programming with algorithmic, functional or object-oriented techniques

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If possible the submission should be accompanied by a 100 word abstract sent by e-mail to [plilp@forwiss.uni-passau.de](mailto:plilp@forwiss.uni-passau.de). Authors will be notified of acceptance/rejection by **May 2, 1991** by e-mail (if available). Camera-ready copy will be due **June 8, 1991**.

## Readings In Scheme



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### Intro Blurb

The Following entries are the latest additions to the scheme bibliography. The *Oaklisp* references were inadvertently omitted from the bibliography. This has now been fixed. Currently the only major omission is the entries from the BIGRE special *Scheme* issue†, but this too will be fixed in the next edition.

As usual, I would appreciate your contributions and corrections to keep this bibliography current and complete. A machine readable copy of this bibliography is available in *bib [refer]* format, and there is also an automagically-generated *BibTeX* version.

Happy scheming.

### New Entries

- [69] Kevin J. Lang and Barak A. Pearlmutter, *Oaklisp: an Object-Oriented Scheme with First Class Types*, *ACM Conference on Object-Oriented Systems, Programming, Languages and Applications*, September 1986, 30-37.
- [70] William Clinger, *The Scheme of things: Streams versus Generators*, Technical Report, Tektronix, Inc., 1987.
- [78] Stephen Slade, *The T programming Language*, Prentice-Hall Inc., Englewood Cliffs, N.J., 1987.
- [100] Kevin J. Lang and Barak A. Pearlmutter, *Oaklisp: an Object-Oriented Dialect of Scheme*, *Lisp and Symbolic Computation: An International Journal* 1, 1 (May 1988), 39-51, Kluwer Academic Publishers.
- [101] Olin Shivers, *The Semantics of Scheme Control Flow Analysis (Preliminary)*, Technical Report ERGO-90-090, CMU School of Computer Science, Pittsburgh, Penn., November 1988.
- [107] Williams Ludwell Harrison III, *The Interprocedural Analysis and Automatic Parallellization of Scheme Programs*, *Lisp and Symbolic Computation: An International Journal* 2, 3/4 (October 1989), Kluwer Academic Publishers.
- [108] Michael Eisenberg, William Clinger and Anne Hartheimer, *Programming In MacScheme*, The Scientific Press, Redwood City, CA, 1990.

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† BIGRE Bulletin, *Putting Scheme to Work*, André Pic, Michel Briand, Jean Bézivin, (Eds.), No. 65, July 1989

- [110] John Franco, Daniel Friedman and Steven Johnson, Multi-way Streams in Scheme, *Journal of Computer Languages* 15, 2 (1990), 109-125.
- [111] Samuel Kamin, *Programming Languages: An Interpreter-based Approach*, Addison-Wesley, Reading, Mass., 1990.
- [112] Guillermo Rozas and James Miller, Free Variables and First-Class Environments, *Lisp and Symbolic Computation: An International Journal* 3, 4 (December 1990), Kluwer Academic Publishers.
- [117] Chris Hanson, Efficient Stack Allocation for Tail-Recursive Languages, *Proceedings of the 1990 ACM Conference on Lisp and Functional Programming*, Nice, France, June 1990.
- [118] Morry Katz and Daniel Weise, Continuing Into the Future: On the Interaction of Futures and First-Class Continuations, *Proceedings of the 1990 ACM Conference on Lisp and Functional Programming*, Nice, France, June 1990.
- [119] Pierre Bonzon, A Metacircular Evaluator for a Logical Extension of Scheme, *Lisp and Symbolic Computation: An International Journal* 3, 2 (March 1990), 113-133, Kluwer Academic Publishers.
- [121] Olin Shivers, Data-Flow Analysis and Type Recovery in Scheme, Technical Report CMU-CS-90-115, CMU School of Computer Science, Pittsburgh, Penn., March 1990. Also to appear in *Topics in Advanced Language Implementation*, Ed. Peter Lee, MIT Press.

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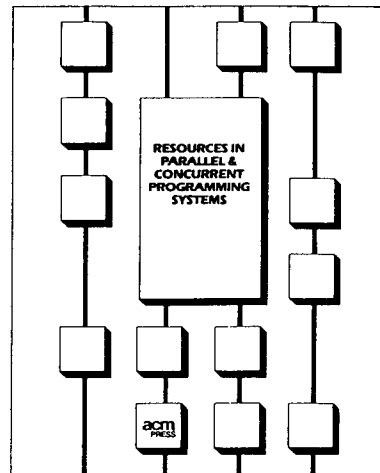
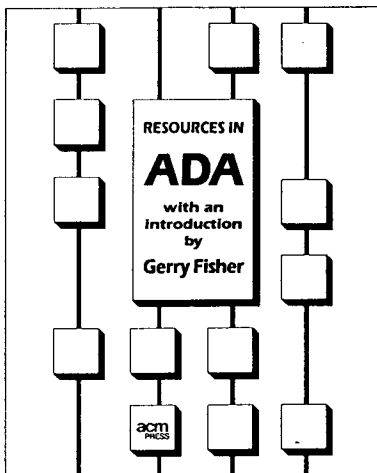
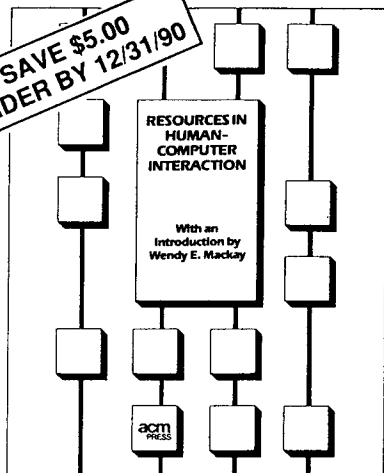


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