

# Bibliography

- [AC96] María-Virginia Aponte and Giuseppe Castagna. Programmation modulaire avec surcharge et liaison tardive. In *Journées Francophones des Langages Applicatifs*. INRIA, January 1996.
- [AHU83] Alfred Aho, John Hopcroft, and Jeffrey Ullman. *Data Structures and Algorithms*. Addison-Wesley, 1983.
- [And91] G. Andrews. *Concurrent Programming : Principles and practices*. Benjamin Cumming, 1991.
- [Ari90] Ben Ari. *Principles of Concurrent and Distributed Programming*. Prentice Hall, second edition, 1990.
- [ASS96] Harold Abelson, Gerald Jay Sussman, and Julie Sussman. *Structure and Interpretation of Computer Programs*. MIT Press, second edition, 1996.
- [ASU86] Alfred V. Aho, Ravi Sethi, and Jeffrey D. Ullman. *Compilers: principles, techniques, and tools*. Addison-Wesley, 1986.
- [BLH00] Olivier Ballereau, Frédéric Loulergue, and Gaétan Hains. High level BSP programming: BSMML and BSLambda. In Stephen Gilmore, editor, *Trends in Functional Programming, volume 2*. Intellect, 2000.
- [CC92] Emmanuel Chailloux and Guy Cousineau. Programming images in ML. In *Proceedings of the ACM SIGPLAN Workshop on ML and its Applications*, 1992.
- [CCM87] Guy Cousineau, Pierre-Louis Curien, and Michel Mauny. The Categorical Abstract Machine. *Science of Computer Programming*, 8:173–202, 1987.
- [CDM98] Rémy Card, Éric Dumas, and Franck Mével. *The Linux Kernel Book*. Wiley, John & Sons, 1998.

- [CKL96] Emmanuel Chailloux, Laurent Kirsch, and Stéphane Lucas. Caml2sml, un outil d'aide à la traduction de Caml vers Sml. In *Journées Francophones des Langages Applicatifs*. INRIA, January 1996.
- [CL99] Sylvain Conchon and Fabrice Le Fessant. JoCaml: mobile agents for Objective-Caml. In *International Symposium on Agent Systems and Applications*, 1999.
- [CM98] Guy Cousineau and Michel Mauny. *The functional approach to programming*. Cambridge University Press, 1998.
- [CP95] Paul Caspi and Marc Pouzet. A functional extension to LUSTRE. In *8th International Symposium on Languages for Intensional Programming*, Sydney, May 1995. World Scientific.
- [CS94] Emmanuel Chailloux and Ascánder Suárez. mlPicTeX, a picture environment for LaTeX. In *Proceedings of the ACM SIGPLAN Workshop on ML and its Applications*, 1994.
- [DDL98] Marco Danelutto, Roberto Di Cosmo, Xavier Leroy, and Susanna Pelagatti. Parallel functional programming with skeletons: the ocamlp3l experiment. In *ML Workshop*. ACM SIGPLAN, 1998.
- [DEM98] Roland Ducournau, Jérôme Euzenat, Gérald Masini, and Amedeo Napoli, editors. *Langages et modèles à objets: état et perspectives de la recherche*. INRIA, 1998.
- [Eng98] Emmanuel Engel. *Extensions sûres et praticables du système de types de ML en présence d'un langage de modules et de traits impératifs*. PhD thesis, Université Paris-Sud, Orsay, France, mai 1998.
- [FC95] Christian Foisy and Emmanuel Chailloux. Caml Flight: a Portable SPMD Extension of ML for Distributed Memory Multiprocessors. In *Conference on High Performance Functional Computing*, April 1995.
- [FF98] Robert B. Findler and Matthew Flatt. Modular Object-Oriented Programming with Units and Mixins. In *International Conference on Functional Programming*. ACM, 1998.
- [FW00] Jun Furuse and Pierre Weis. Entrées/Sorties de valeurs en Caml. In *JFLA'2000 : Journées Francophones des Langages Applicatifs*, Mont Saint-Michel, January 2000. INRIA.
- [GHJV95] Erich Gamma, Richard Helm, Ralph Johnson, and John Vlissides. *Design Patterns*. Addison-Wesley, 1995.
- [HF<sup>+</sup>96] Pieter Hartel, Marc Feeley, et al. Benchmarking implementations of functional languages with "Pseudoknot", a float-intensive benchmark. *Journal of Functional Programming*, 6(4), 1996.
- [HS94] Samuel P. Harbison and Guy L. Steele. *C: A reference manual*. Prentice-Hall, fourth edition, 1994.

- 
- [Hui97] Christian Huitema. *IPv6 – The New Internet Protocol*. Prentice Hall, 1997.
- [Jon98] Richard Jones. *Garbage Collection: Algorithms for Automatic Dynamic Memory Management*. John Wiley & Sons, 1998.
- [Ler90] Xavier Leroy. The ZINC experiment: an economical implementation of the ML language. Technical report 117, INRIA, 1990.
- [Ler92] Xavier Leroy. Programmation du système Unix en Caml Light. Technical report 147, INRIA, 1992.
- [LMB92] John R. Levine, Tony Mason, and Doug Brown. *Lex & Yacc*. O’Reilly, second edition, 1992.
- [LRVD99] Xavier Leroy, Didier Rémy, Jérôme Vouillon, and Damien Doligez. The objective caml system release 2.04. Technical report, INRIA, December 1999.
- [Mdr92] Michel Mauny and Daniel de Rauglaudre. Parser in ML. Research report 1659, INRIA, avril 1992.
- [MNC<sup>+</sup>91] Gérald Masini, Amedeo Napoli, Dominique Colnet, Daniel Léonard, and Karl Tombre. *Object-Oriented Languages*. Academic Press, New York, 1991.
- [MT91] Robin Milner and Mads Tofte. *Commentary on Standard ML*. MIT Press, 1991.
- [MTH97] Robin Milner, Mads Tofte, and Robert Harper. *The Definition of Standard ML (revised)*. MIT Press, 1997.
- [Rep99] John Reppy. *Concurrent Programming in ML*. Cambridge University Press, 1999.
- [Rob89] Eric S. Robert. Implementing exceptions in C. Technical Report SRC-40, Digital Equipment, 1989.
- [Rou96] François Rouaix. A Web navigator with applets in Caml. In *Proceedings of the 5th International World Wide Web Conference, in Computer Networks and Telecommunications Networking*, volume 28, pages 1365–1371. Elsevier, May 1996.
- [RV98] Didier Rémy and Jérôme Vouillon. Objective ML: An effective object-oriented extension to ML. *Theory And Practice of Object Systems*, 4(1):27–50, 1998. A preliminary version appeared in the proceedings of the 24th ACM Conference on Principles of Programming Languages, 1997.
- [Sed88] Robert Sedgewick. *Algorithms*. Addison-Wesley, second edition, 1988.
- [Ste92] W. Richard Stevens. *Advanced Programming in the UNIX Environment*. Addison-Wesley, 1992.

- [Tho99] Simon Thompson. *Haskell: The Craft of Functional Programming*. Addison Wesley, seconde edition, 1999.
- [Tur85] David A. Turner. Miranda: A non-strict functional language with polymorphic types. In J. Jouannaud, editor, *Proceedings International Conference on Functional Programming Languages and Computer Architecture*, volume 201 of *Lecture Notes in Computer Science*, pages 1–16, New York, NY, September 1985. Springer-Verlag.
- [Wil92] Paul. R. Wilson. Uniprocessor garbage collection techniques. In *International Workshop on Memory Management*, number 637 in LNCS, pages 1–42. Springer-Verlag, 1992.
- [Wri95] Andrew K. Wright. Simple imperative polymorphism. *Lisp and Symbolic Computation*, 8(4):343–356, 1995.