THE BULLETIN OF SYMBOLIC LOGIC
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# NOTICES

- IN MEMORIAM: Laura Mayer died March 23, 1997, at age 39, after a long fight against breast cancer. Mayer received her PhD in 1985 from Yale University under the direction of Angus Macintyre. She held a tenured faculty position at Loyola University, Chicago, where she had taught since 1988. Her best known work is a proof of Vaught's conjecture for o-minimal theories. A memorial fund in Mayer's honor has been established at Loyola University to provide summer internships for women in science; contributions may be sent to Anne Leggett McDonald at the Department of Mathematical Sciences, Loyola University, 6525 North Sheridan Road, Chicago, Illinois 60626. Mayer is survived by her husband David Marker and two sisters.

- DUTCH SPINOZA PRIZE AWARDED IN LOGIC. The Spinoza Award is a prestigious new prize awarded by the National Dutch Research Council (NWO) to prominent researchers of international renown. One of the three recipients for 1996 was Johan van Benthem (mathematics and computer science, University of Amsterdam, and philosophy, Stanford University).

- 1997 SACKS PRIZE. The 1997 Sacks Prize, for the best doctoral dissertation in mathematical logic, will be awarded for the fourth time in December of 1997. This prize was established to honor Professor Gerald Sacks of MIT and Harvard for his unique contribution to mathematical logic, particularly as advisor to a large number of excellent PhD students. Students who complete their degree (equivalent to the American doctoral degree) between September 30, 1996, and September 30, 1997, are eligible. This is an international prize, with no restriction on the nationality of the candidate nor of the university where the doctorate is granted. Nominations are made by the thesis advisor and consist of: name and birthdate of student, title and 1–2 page description of dissertation, date and location where the doctorate was awarded, and letter of recommendation from the advisor. Nominations should be sent to: Sacks Prize Committee, Room 2-236, Department of Mathematics, MIT, Cambridge, MA 02139, USA; email: `saxprize@math.mit.edu`. Nominations are due by September 30, 1997. To contribute to the Sacks Prize Fund, please contact: Sonia Franklin-Sparrock, Department of Mathematics, MIT, Cambridge, MA 02139; email: `sonia@math.mit.edu`.

- THE 1997–98 ASL WINTER MEETING. *January 9–10, 1998, Baltimore, Maryland.* This meeting will be held in conjunction with the annual meeting of the American Mathematical Society, January 7–10, 1998. The Program Committee for this ASL meeting consists of A. Carbone, M. Detlefsen, Y. Gurevich, A. Kanamori, L. Moss, and R. Parikh, Chair. Abstracts of contributed papers from ASL members (300 words, one-page limit in 12 pt font) should be sent by the deadline of October 10, 1997, to the Program Chair: Rohit Parikh, Department of Computer Science, CUNY Graduate Center, 33 West 42nd Street, New York, New York 10036; email for normal correspondence: `ripbc@cunyvm.cuny.edu`; email for .tex or .ps files of moderate length: `parikh@csp.gc.cuny.edu`. For safety, a printed copy of any abstract sent by email should also be sent by ordinary mail. In the AMS meeting, a Special Session on the History of Mathematical Logic, organized by John W. Dawson, Jr., will take place on January 7, 1998.

- THE 1998 ASL SPRING MEETING. *March 27–28, 1998, Bonaventure Hotel, Los Angeles, California.* This meeting will be held in conjunction with the annual meeting of the Pacific Division, American Philosophical Association, which will take place during March 25–28. The Program Committee consists of C. A. Anderson, P. Maddy, and D. A. Martin, Chair.

Abstracts of contributed papers from ASL members (300 words, one-page limit in 12 pt font) should be sent by the deadline of January 9, 1998, to the Program Chair: Donald A. Martin, Mathematics Department, UCLA, Los Angeles, California 90095; email: `dam@math.ucla.edu`.

- Student Travel Grants: The 1997–98 Annual Meeting and the 1998 European Summer Meeting. The ASL will make available modest travel grants to graduate students in logic and (for the European Summer Meeting only) to recent PhDs, so that they may attend the 1997–98 ASL Annual Meeting in Toronto, Canada, or the 1998 ASL European Summer Meeting in Prague, Czech Republic; see below for information about these meetings. To be considered for a Travel Grant, please (1) send a letter of application, and (2) ask your thesis supervisor to send a brief recommendation letter. The application letter should be brief (one page) and should include (1) your name, (2) your home institution, (3) your thesis supervisor's name, (4) a one-paragraph description of your studies and work in logic, (5) your estimate of the travel expenses you will incur, (6) (for citizens or residents of the USA) citizenship or visa status, and (7) (voluntary) indication of your gender and minority status. Only modest grants will be possible, partially covering travel costs and perhaps some of the living expenses during the meeting. Women and members of minority groups are strongly encouraged to apply. In addition to funds provided by the ASL, this program of travel grants is now supported by a grant from the US National Science Foundation; NSF funds may be awarded only to citizens and permanent residents of the USA. For the 1997–98 ASL Annual Meeting, applications should be sent by the deadline of March 9, 1998, to the Program Chair, Bradd Hart, Department of Mathematics, McMaster University, Hamilton, Ontario, L8S 4K1 Canada; email: `hartb@mcmaster.ca`. For the 1998 ASL European Summer Meeting they should be sent by the deadline of April 6, 1998, to the Program Chair, Sam Buss, Department of Mathematics, University of California at San Diego, La Jolla, California 92093-0112; email: `sbuss@ucsd.edu`. For both meetings, application by email is allowed, in fact encouraged.
- The 1997–98 ASL Annual Meeting. *May 22–25, 1998, Toronto, Ontario, Canada.* The Program Committee consists of T. Carlson, K. Compton, S. Friedman, B. Hart, Chair, A. Nies, and A. Urquhart. Chair of the Local Organizing Committee is A. Urquhart. Abstracts of contributed papers from ASL members (300 words, one-page limit in 12 pt font) should be sent by the deadline of March 9, 1998, to the Program Chair: Bradd Hart, Department of Mathematics, McMaster University, Hamilton, Ontario, L8S 4K1 Canada; email `hartb@mcmaster.ca`.
- The 1998 ASL European Summer Meeting (Logic Colloquium '98). *August 9–16, 1998, Prague, Czech Republic.* The lectures will be given from Monday through Saturday, with one free afternoon reserved for a conference excursion. The meeting will be hosted by the Mathematical Institute of the Academy of Science in cooperation with the Institute of Computer Science of the Academy of Sciences, the Faculty of Mathematics and Physics of the Charles University, and the Philosophy Faculty of the Charles University. The honorary chairman of the meeting is Professor Petr Vopěnka. There will be invited lectures in model theory, proof theory and complexity, set theory and non-standard methods, recursion theory and theoretical computer science, and history and philosophy of mathematical logic. Invited plenary speakers include J. van Benthem, S. B. Cooper, T. Coquand, A. Ekert, L. Fortnow, B. Hart, G. Hjorth, T. Jech, C. G. Jockusch, P. Komjáth, L. M. Lipshitz, Y. Palyutin, A. A. Razborov, A. G. Setzer, T. Strahm, G. Takeuti, and P. Welch. Tutorials will be given on several topics including fuzzy logic, complexity and bounded arithmetic, and the elementary theory of free groups. Contributed talks are invited from all fields of logic. The Program Committee consists of K. Ambos-Spies, L. Bukovský, S. Buss, Chair, P. Clote, S. Cook, L.

van den Dries, P. Hájek, A. Macintyre, Y. Moschovakis, D. Mundici, R. Parikh, P. Pudlák, J.-P. Ressayre, S. Wainer, and B. Zilber. The Organizing Committee consists of B. Balcar, P. Hájek, Chair, P. Jirku, J. Krajíček, A. Kučera, P. Pudlák, J. Sgall, P. Štěpánek, and M. Zeithamlová (Action M). Local arrangements including registration will be handled by Agentura Action M, Vrsovicka 68, 101 00 Praha 10, Czech Republic; telephone: +420-2-6731 2333; Fax: +420-2-6731 0503. Further information about the meeting may be obtained from: Logic Colloquium 1998, Mathematical Institute AVCR, Zitna 25, 115 67 Praha 1, Czech Republic; telephone: +420-2-222 11 631 (operator, ask for Jiri Sgall or Pavel Pudlák); WWW: `www.math.cas.cz/~lc98/`; email: `lc98@math.cas.cz`. Abstracts of contributed papers (300 words, one-page limit in 12 pt font) should be sent by the deadline of March 9, 1998, to the Logic Colloquium 1998 address above. Participants are encouraged to submit their abstracts by email and are requested to send both a PostScript version (for the meeting booklet) and a plain text version (to be posted at the Web site).

- ASL Sponsored Meeting: Thirteenth Annual IEEE Symposium on Logic in Computer Science (LICS '98). *June 21–24, 1998, Indianapolis, Indiana.* For further information contact the LICS Publicity Chair: Leonid Libkin, Bell Labs, Lucent Technologies, 600-700 Mountain Avenue, Murray Hill, NJ 07974; email: `lics-request@research.bell-labs.com`; also see the LICS Website: `http://www.bell-labs.com/topic/conferences/lics`.

- Calendar of Other Meetings. See also `http://www.math.uiuc.edu/~asl`.

**October 27–28, 1997.** International Workshop on First-Order Theorem Proving (FTP97). Schloss Hagenberg, near Linz (Austria). Email: `ftp97@cs.uiowa.edu`; WWW: `http://www.logic.tuwien.ac.at/FTP97`.

**December 17–20, 1997.** The Eleventh Amsterdam Colloquium. University of Amsterdam, The Netherlands. Contact: Organizing Committee, Eleventh Amsterdam Colloquium, ILLC/Department of Philosophy, University of Amsterdam, Nieuwe Doelenstraat 15, 1012 CP Amsterdam, The Netherlands; telephone: +31 20 5254541; Fax: +31 20 5254503; email: `AC97@illc.uva.nl`; WWW: `http://info.wins.uva.nl/~pdekker/AC97`.

**January 8–10, 1998.** Fourth International Workshop on Deontic Logic in Computer Science. Bologna, Italy. Invited speakers include D. Nute, D. Makinson, and G. von Wright. To submit a paper send 5 hard copies by the deadline of May 15, 1998, to: P. McNamara, Department of Philosophy, University of New Hampshire, Durham, New Hampshire 03820; or a PostScript version to: `paulm@christa.unh.edu`. Further information may be obtained from the above address or: H. Prakken, c/o Faculty of Law, Free University, Amsterdam, The Netherlands; telephone: +31-20-44-46216; email: `henry@rechten.vu.nl`.

**January 19–21, 1998.** ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL 98). San Diego, California. WWW: `http://www.research.digital.com/SRC/personal/Luca_Cardelli/POPL98/CFP.html`.

**February 5–7, 1998.** Fourth Barcelona Logic Meeting. Universitat Autónoma de Barcelona at Bellaterra, near Barcelona. Submit two copies of a one-page abstract by the deadline of November 1, 1997, to: Centre de Recerca Matemática (CRM), Apartat 50, 08193 Bellaterra (Barcelona), Spain; email: `crm@crm.es`; WWW: `http://www.crm.es`.

**March 30–April 1, 1998.** Rewriting Techniques and Applications (RTA 98). Tsukuba, Japan. Submit research papers, system descriptions, or problem sets in PostScript form by September 28, 1997, to: `rta98@informatik.tu-muenchen.de`; or 6 copies to: Professor T. Nipkow, Institut für Informatik, TU München, Germany; WWW: `http://www4.informatik.tu-muenchen.de/~rta98`.

**May 5–8, 1998.** International Conference on Analytic Tableaux and Related Methods (TABLEAUX '98). Conference Centre Boschoord, Oisterwijk (near Tilburg), The Netherlands. Contact: Harrie de Swart, Section Logic and Analysis of Language, Department of Philosophy, Tilburg University, P.O. Box 90153, 5000 LE TILBURG, The Netherlands; telephone: +31 13 466 24 15/29 85; Fax +31 13 466 28 92; email: `H.C.M.deSwart@kub.nl`; WWW: `http://cwis.kub.nl/~fsw_2/fww/tab98.htm`.

**June 8–12, 1998.** IFIP Working Conference on Programming Concepts and Methods (PROCOMET '98). Shelter Island, New York. Paper submissions (20-page limit) by October 15, 1997. Contact: D. Gries, Computer Science, Upson Hall, Cornell University, Ithaca, New York 14853; email: `gries@cs.cornell.edu`; WWW: `http://www4.ncsu.edu/~rance/WWW/conferences/procomet98.html`.

**June 16–19, 1998.** Third International Conference on Information-Theoretic Approaches to Logic, Language, and Computation (ITALLC98). Hsi-tou, Taiwan. Submit a detailed abstract of at most 10 pages before November 15, 1997, by email to: `ITALLC98@coli.uni-sb.de` (using "ITALLC98 Submission" as the subject line); or send to: P. Blackburn, Computerlinguistik, University of Saarland, D-66041 Saarbrücken, Germany. WWW: `http://www.phil.ccu.edu.tw/~itallc98/home.html`.

**August 17–28, 1998.** Tenth European Summer School in Logic, Language and Information (ESSLLI'98). Saarbrücken, Germany. WWW: `http://www.dcs.warwick.ac.uk/~esslli98`.

- OTHER ANNOUNCEMENTS. See also `http://www.math.uiuc.edu/~asl`.

**New Book: Complexity, Logic and Recursion Theory.** Edited by A. Sorbi; Volume 187 of the Lecture Notes in Pure and Applied Mathematics Series, Marcel Dekker (1997; ISBN: 0-8247-0026-0; $150.00).

**New Book: Kreiseliana: About and Around Georg Kreisel.** Edited by P. Odifreddi and published by A. K. Peters (1997; ISBN: 1-56881-061-X; hardcover, 512 pages, $60.00).

**New Book: Logical Dilemmas: The Life and Work of Kurt Gödel.** Written by J. Dawson and published by A. K. Peters (1997; ISBN: 1-56881-025-3; hardcover, 376 pages, $49.95).

**Book Announcement: The Incompleteness Phenomenon.** Written by M. Goldstern and H. Judah and published by A. K. Peters in 1995 (ISBN: 1-56881-029-6; hardcover, 264 pages, $54.00).

**Book Announcement: Set Theory: On the Structure of the Real Line.** Written by T. Bartoszynski and H. Judah and published by A. K. Peters in 1995 (ISBN: 1-56881-044-X; hardcover, 560 pages, $78.00).

**Special Issue of *Journal for Universal Computer Science*, JUCS Vol. 3 No. 4.** Papers deal with foundational questions, questions from complexity theory, the central notion of refinement, and machine support for reasoning about 'Gurevich Abstract State Machines.' A second issue on this topic will contain applications of ASMs to software engineering. WWW:`http://www.iicm.edu/jucs_3_4`.

**New Book: Admissibility of Logical Inference Rules.** Authored by V. V. Rybakov, this is Volume 136 in the *Studies in Logic and the Foundations of Mathematics* (ISBN: 0 444 89505 1; 617 pages).

**New Book: Semantics and Logics of Computation.** Edited by A. M. Pitts and P. Dybjer; authors are S. Abramsky, T. Coquand, M. Hofmann, M. Hyland, E. Moggi, M. Nielsen, A. Pitts, and G. Winskel. Cambridge University Press (1997, ISBN 0521580579, £ 35).

**New Book: Modal Logic.** Authors are Alexander Chagrov and Michael Zakharyaschev; Oxford Logic Guides No. 35; 620 pages, Clarendon Press (1997, ISBN 0-19-853779-4, £ 75).