THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- IN MEMORIAM: Hans Läuchli, Professor of Mathematics at the ETH Zürich, died August 13, 1997, at the age of 64, after several years of illness. He was born in Winterthur in 1933 and received his doctorate in 1962 with Ernst Specker. He held positions at the University of California, Berkeley, and the University of Arizona before returning to Zürich in 1966. During his career Hans Läuchli made many important contributions to various areas of mathematical logic, in particular to model theory and set theory.

- THE 1998 DUES BILLING. ASL renewal bills will be sent out during November. ASL members may pay their dues (individual dues \$56.00; student dues \$28.00) using VISA or MasterCard; payment by check must be in US dollars and the checks must be negotiable in the US banking system. (Eurochecks are NOT accepted by US banks.) Regular members (but not students) are allowed to pay membership dues for up to five years into the future at the 1998 rate. Students who are Institutional Nominees for 1997 are responsible for finding out whether their nomination will continue in 1998. ASL members will again be able to subscribe to the *Journal of Philosophical Logic* at a specially discounted rate; the *JPL* subscription fee for 1998 is \$28.00. Retired logicians who have been ASL members for at least 20 years may become Emeritus Members; such members pay no dues and receive the ASL Newsletter mailings, but not the journals. Interested persons should write to the Secretary-Treasurer. Contributions from members in support of ASL activities will be gratefully received.

- 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. Invited speakers include J. Floyd, M. Groszek, J. Hamkins, D. Kozen, I. Levi, L. Libkin, and S. Riis. The Program Committee consists of A. Carbone, M. Detlefsen, Y. Gurevich, A. Kanamori, L. Moss, and R. Parikh, Chair. 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. (See below.)

- 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 of the American Philosophical Association, which will take place during March 25–28. The ASL program will include a symposium on Propositions and Other Logical Objects (with speakers E. Zalta and M. Jubien, and commentators T. Roy and C. Menzel). Other invited speakers include J. Tappenden and A. Antonelli. 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, Canada L8S 4K1; 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, University of Toronto, Canada.* This meeting will begin early on Friday, May 22, and will end at noon on Sunday, May 25. The program will include the annual Gödel Lecture and the awarding of the Karp Prize. Invited speakers include T. Slaman, R. Sommer, P. Speissegger, S. Wainer, and H. Woodin. A tutorial on complexity theory and logic will be given by S. Cook. There will be special sessions in model theory and set theory. Contributed talks in all areas of logic are invited. The Program Committee consists of T. Carlson, K. Compton, S. Friedman, B. Hart, Chair, A. Nies, and A. Urquhart. The 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, Canada L8S 4K1; 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 is organized by the Mathematical Institute and the Institute of Computer Science of the Academy of Sciences of the Czech Republic, in cooperation with the Faculty of Mathematics and Physics and the Philosophical Faculty of the Charles University, and with the University of Economics. The honorary chairman of the meeting is Professor Petr Vopěnka. The main topics of the meeting are proof theory, model theory, set theory, recursion theory, logic in computer science, and history and philosophy of 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 (P. Hájek), complexity and bounded arithmetic (J. Krajíček), and the elementary theory of free groups (Z. Sela). There will be special sessions in computability theory (A. Kučera and R. Shore), model theory (L. van den Dries and A. Macintyre), set theory (L. Bukovsky and B. Velikovic), philosophical logic (R. Parikh), and proof theory (Wilfried Buchholz). 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, Vršovická 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 AVČR, Žitná 25, CZ-11567 Praha 1, Czech Republic; telephone: +420-2-222 11 631 (operator, ask for Jiri Sgall or Pavel Pudlák); WWW: `http://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 April 6, 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 Website).

- ASL MEETINGS IN 1999. An ASL Winter Meeting will be held during January 13–16, 1999, in San Antonio, Texas, in conjunction with the annual meeting of the American Mathematical Society. The 1998–99 ASL Annual Meeting will be held March 20–23, 1999, in San Diego, California. A location for the 1999 ASL European Summer Meeting has not yet been decided.

- THIRTEENTH ANNUAL IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS '98). *June 21–24, 1998, Indiana University Conference Center in Indianapolis, Indiana.* Invited speakers include D. van Dalen, R. Needham, and M. Vardi. There will be tutorials in Logics of Dynamic Processes (J. van Benthem) and Automata and Logic (W. Thomas). An extended abstract (not a full paper, not more than 10 pages) should be mailed electronically to the program chair, `pratt@lics98.stanford.edu`, by December 9, 1997. It should be formatted as a PostScript file in US Letter page size, and a cover letter in plain ascii text should be sent separately by email. Further submission information may be found at `http://lics98.stanford.edu`. 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/`. (ASL sponsored meeting.)

- CALENDAR OF OTHER MEETINGS. See also `http://www.math.uiuc.edu/~asl/`.

December 12–13, 1997. Workshop on the Ramsey Theory of the Reals. Barcelona, Spain. For further information: Joan Bagaria, Departament de Logica, Historia i Filosofia de la Ciencia, Universitat de Barcelona, Baldiri i Reixach, s/n, 08028 Barcelona, Spain; email: `bagaria@trivium.gh.ub.es`; WWW: `http://www.crm.es`.

January 7, 1998. AMS Special Session on the History of Mathematical Logic. Baltimore, Maryland. This special session will take place within the annual meeting of the American Mathematical Society, January 7–10, 1998. Invited speakers include W. Sieg, G. Moore, S. Givant, J. Corcoran, A. Kanamori, A. Nerode, and W. Ruitenberg. For further information contact: John W. Dawson, Jr., email: `jwd7@psuvm.psu.edu`. See also the announcement of the ASL Winter Meeting, January 9–10, 1998 (above).

January 7–9, 1998. Logical Formalizations of Commonsense Reasoning (Common Sense 98). London, United Kingdom. For further information: `http://www.dcs.qmw.ac.uk/~rsm/CS98/index.html`.

January 30–February 1, 1998. Logic Meeting at UCLA. University of California, Los Angeles. This is the tenth in a series of biennial meetings, which are characterized by few formal talks (in all areas of logic) and plenty of time for informal contact. The formal part of VIG X includes invited lectures by: Peter Cholak, Ilijas Farah, Marcia Groszek, Byunghan Kim, Ulrich Kohlenbach, Christos Papadimitriou, and Jindrich Zapletal, as well as a session with contributed papers and problems, an informal Get Together on Friday, and a Party on Saturday night. For additional information: Yiannis N. Moschovakis, UCLA; email: `ynm@math.ucla.edu`; WWW: `http://www.math.ucla.edu/~ynm/vig98.html`.

February 2–3, 1998. Computing: The Australasian Theory Symposium (CATS'98). University of Western Australia, Perth, Western Australia. Further information by email: `cats98@cs.uwa.edu.au`.

June 1–3, 1998. ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems (PODS'98). Seattle, Washington. Further information by email (`pods98@uia.ua.ac.be`) or WWW (`http://www.boeing.com/sigmod98/`).

June 2–5, 1998. Sixth International Conference on Principles of Knowledge Representation and Reasoning (KR'98). Trento, Italy. Further information: `http://www.kr.org/kr/kr98/`.

June 15–18, 1998. Computational Complexity. University at Buffalo, Buffalo, New York. This is the thirteenth annual conference on computational complexity sponsored by IEEE. Further information: Luc Longpré, Computer Science Department, University of Texas at El Paso, El Paso, Texas 79968; email: `longpre@cs.utep.edu`; WWW: `http://cs.utep.edu/longpre/complexity.html`.

August 18–27, 1998. International Congress of Mathematicians (ICM98). Berlin, Germany. Requests for the second announcement should be sent by email to: `icm98@zib.de` or entered directly at the Website: `http://elib.zib.de/ICM98`.

- Other Announcements. See also `http://www.math.uiuc.edu/~asl/`.

Free Trial of LINGUISTICS ABSTRACTS ON-LINE. Contact: Emma Barham, Blackwell Publishers Journals, 108 Cowley Road, Oxford, OX4 1JF, UK; telephone: +44 (0)1865 791100; Fax: +44 (0)1865 793147; email: `ebarham@blackwellpublishers.co.uk`; WWW: `http://www.blackwellpublishers.co.uk/labs`.

Complexity Theory Retrospective II. Edited by Lane A. Hemaspaandra and Alan L. Selman. This is a collection of high-quality expository articles, many of which appeared first in the annual IEEE Conference on Computational Complexity. Springer-Verlag (1997, ISBN 0-387-94973-9, $49.95).

Discovering Set Theory. Authors: Winfried Just and Martin Weese. Volume I: *The Basics*; Volume II: *Set Theoretic Tools for Every Mathematician*. More information about these books is available at WWW: `http://www.math.ohiou.edu/~just/`. American Mathematical Society (Vol. I: 1996, ISBN 0-8218-0266-6, $36; Vol. II: 1997, ISBN 0-8218-0528-2, $36).

On Concurrent Programming. Author: Fred B. Schneider. This text is based on a graduate course taught at Cornell University. Springer-Verlag (1997, ISBN 0-387-94942-9, $49.95).

Basic Simple Type Theory. Author: J. Roger Hindley. This book is aimed at graduate students who already have some knowledge of lambda calculus. It introduces some of the most important basic techniques of type theory through a treatment of the most primitive system, the simple type theory of the pure lambda calculus. Cambridge University Press (1997, ISBN 0-521-46518-4).

The following two books may be ordered by sending a check or money order to: Kubon & Sagner, Buchexport-Import GmbH, D-80328 Munchen, Germany; WWW: `http://www.kubon-sagner.de/index_englisch.html`.

Some Applications of the Method of Forcing. Authors: S. Todorčevic and I. Farah. Based on a course on Applications of Forcing by Todorčevic. YENISEI and the Mathematical Institute of the Serbian Academy of Science and Arts (1995; ISBN: 5-88623-014-9, Hardcover; 148 pages, $49.50 or 75 DM).

Selected Papers of Djuro Kurepa. Editors: A. Ivic, Z. Mamuzic, Z. Mijajlovic, and S. Todorčevic. Mathematical Institute of the Serbian Academy of Science and Arts (1995; ISBN: 86-80593-20-6, Hardcover; 621 pages, $50.00 or 75 DM).