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NOTICES

- The 1997 Sacks Prize Awarded to I. Farah and T. Scanlon. The co-recipients of the 1997 Sacks Prize are Ilijas Farah of the University of Toronto and Tom Scanlon of the Mathematical Sciences Research Institute in Berkeley. Farah received his PhD in June, 1997, at the University of Toronto under the direction of Stevo Todorčevic. Scanlon received his PhD from Harvard University in June, 1997, under the direction of Ehud Hrushovski. The Sacks Prize recognizes the author(s) of the best doctoral dissertation(s) in mathematical logic each year.
- Perspectives in Mathematical Logic: New Book by S. Shelah. Entitled *Proper and Improper Forcing*, this book gives a complete presentation of the theory of proper forcing and its relatives, starting from the beginning and avoiding metamathematical considerations. Many of the applications are presented in an "axiomatic" framework (a la Martin's axiom). (Springer-Verlag, 1998, ISBN 3-540-51700-6; \$189.00). Other recent books in the *Perspectives* series are *Set Theory* by T. Jech (second corrected edition; 1997, ISBN 3-540-63048-1, \$109.00) and *The Higher Infinite* by A. Kanamori (second corrected printing; 1997, ISBN 3-540-57071-3, \$133.95). The Editorial Board of this series is appointed by the ASL. Members may receive a 30% discount on all books in this series by sending an order to the ASL office (Mathematics Department, University of Illinois, 1409 West Green Street, Urbana, IL 61801). Send a check on a US bank in US funds payable to Springer-Verlag or provide MasterCard or VISA credit card information. For orders shipped to the USA please add \$3.00 postage and handling for the first book and \$1.00 for each additional book; for shipments outside the USA the rates are \$10.00 and \$5.00. Residents of CA, IL, MA, MO, NJ, NY, PA, TX, VA, or VT should add sales tax; residents of Canada should add GST. A 20% discount on all books in the *Lecture Notes in Logic* series may be obtained by ASL members in the same way.
- Honorary Doctorate to Yuri Gurevich. *May 27, 1998, Diepenbeek, Belgium.* A one-day symposium on logic and computer science will be held on the occasion of the awarding by the University of Limburg (LUC) of an Honorary Doctorate to Yuri Gurevich. Invited speakers include Y. Gurevich, K. Apt, E. Börger, P. Wolper, and E. Grädel. The organizer is J. Van den Bussche. To register for the symposium, contact Ms. C. Wijnants by email: `wnisecr@luc.ac.be`.
- The 1998–99 ASL Winter Meeting. *January 15–16, 1999, San Antonio, Texas.* This meeting will be held in conjunction with the annual meeting of the American Mathematical Society, January 13–16, 1999.
- The 1998–99 ASL Annual Meeting. *March 20–23, 1999, San Diego, California.* The Chair of the local organizing committee is G. Sher. Abstracts of contributed papers from ASL members should be sent by the deadline of January 15, 1999, to the Program Committee Chair: Sam Buss, Department of Mathematics, University of California at San Diego, La Jolla, California 92093-0112; email: `sbuss@ucsd.edu`. Abstracts are limited to 300 words (about three quarters of a page in the standard, 11pt LaTeX article style), including the title and other heading material and the references. They should be submitted as hard copy or electronically *in PostScript format*.
- Real Number Computation (RealComp'98); pre-LICS'98 Workshop. *June 19–20, 1998, Indianapolis, Indiana.* Real Number Computation is understood in a broad sense and includes

Recursion Theory, Interval Analysis, Computer Arithmetic, Semantics of Programming Languages, and Numerical Analysis. All talks will be accessible to graduate students in any area of computer science, logic, and mathematics. Speakers include G. Corliss, A. Edalat, M. Escardo, R. Heckmann, U. Kulisch, D. Matula, J.-M. Muller, P. Potts, M. Pour-El, D. Scott, P. Sünderhauf, and K. Weihrauch.The organizers are A. Edalat, A. Jung, D. Scott, and P. Sunderhauf. Further information is available from: P. Sünderhauf, Dept. of Computing, Imperial College, London SW7 2BZ, England; email: P.Sunderhauf@doc.ic.ac.uk; WWW: http://theory.doc.ic.ac.uk/~ps15/ws/. (LICS'98 is an ASL sponsored meeting; see http://lics98.cs.indiana.edu for further information.)

- XI Latin American Symposium on Mathematical Logic. *July 6–10, 1998, Universidad de Los Andes, Merida, Venezuela.* Invited plenary speakers include R. Cignoli, E. Hrushovski, R. Laver, M. Magidor, F. Miraglia, A. Macintyre, W. H. Woodin, T. Carlson, A. Nies, V. Lifschitz, and M. Pouzet. Four introductory courses will be held July 1–4 preceding the symposium: D. Mundici, Algebra of Logics; I. Stewart, Finite Model Theory; J. Bagaria, The Many Faces of the Continuum; and W. Marek, Computations with Non-Monotonic Logics. Further information may be obtained from: Professor C. Uzcategui, Departamento de Matematica, Facultad de Ciencias, Universidad de Los Andes, Marida 5101, Venezuela; email: slalm98@ciens.ula.ve. (ASL sponsored meeting.)
- The 1998 Australasian Association for Logic Conference. *July 10–12, 1998, Macquarie University, Sydney, Australia.* The Conference will be in memory of Richard Sylvan (formerly Richard Routley), who contributed many significant ideas not only to logic, but also to metaphysics and environmental philosophy. The AAL invites all those interested in his work (in relevant logics, logic of significance, Meinong and existence, vagueness, among many other areas) to participate. Further information may be obtained from the meeting organizer: Greg Restall, School of History, Philosophy and Politics, Macquarie University, Sydney 2109, Australia; email: Greg.Restall@mq.edu.au); WWW: http://www.mq.edu.au/~phildept/aal98/. (ASL sponsored meeting.)
- 5th Workshop on Logic, Language, Information and Computation (WoLLIC'98). *July 28–31, 1998, Sao Paulo, Brazil.* Invited speakers include S. Artemov, S. Buss, E. Clarke, H. D. Ebbinghaus, M. Fourman, H. Kamp, V. de Paiva, M. de Rijke, and G. Sambin. Tutorials will be held on July 28. Further information may be obtained from the Co-Chairs of the Organizing Committee: R. de Queiroz, Departamento de Informatica, Univ. Federal de Pernambuco, CP 7851, 50732-970 Recife, PE, Brazil; telephone: +55 81 271 8430; Fax: +55 81 271 8438; email: ruy@di.ufpe.br; or M. Finger, Departamento de Ciencia da Computacao, Instituto de Matematica e Estatistica, Universidade de Sao Paulo, Rua do Matao 1010, 05508-900 Sao Paulo, SP, Brazil; telephone: +55 11 818 6287; Fax: +55 11 818 6134; email: mfinger@ime.usp.br; WWW: http://www.ime.usp.br/~wollic. (ASL sponsored meeting.)
- 1999 Federated Logic Conference (FLoC'99). *July 2–10, 1999, Trento, Italy.* The following conferences will participate in FLoC: Conference on Automated Deduction (CADE), Conference on Computer-Aided Verification (CAV), IEEE Symposium on Logic in Computer Science (LICS), and Conference on Rewriting Techniques and Applications (RTA). LICS and RTA will be held in parallel during the first four days of FLoC. CADE and CAV will be held during the last four days. Pre-conference workshops will be held on June 30–July 1, mid-conference workshops and excursions will be on July 6, and post-conference workshops will be scheduled for July 11–12. WWW: http://www.cs.bell-labs.com/~libkin/floc99. (LICS is an ASL sponsored meeting.)
- Calendar of Other Meetings. See also http://www.math.uiuc.edu/~asl/.

July 13–18, 1998. International Conference on Mathematical Logic in Memory of A. A. Monteiro (LOGICA98). Évora, Portugal. Invited speakers include L. Monteiro, R. Cignoli, C. Di Prisco, J. Llopis, R. Lutz, and T. Sari. For further information contact: Prof. A. J. Franco de Oliveira, Departamento de Matematica, Universidade de Évora - Clav, Apartado 94, 7001 Évora Codex, Portugal; WWW: `http://www.dmat.uevora.pt/logica98`.

July 15–18, 1998. Stanislaw Jaskowski Memorial Symposium: Parainconsistent Logic, Logical Philosophy, Mathematics & Informatics (JS '98). Torun, Poland. Invited speakers include D. Batens, H. Ono, L. Farinas del Cerro, M. Urchs, D. Mundici, and A. Wronski. The registration fee is $70 US. For more information, contact: JS '98 Committee, attention M. Nasieniewski, Asnyka 2A, 87-100 Torun, Poland; telephone: +48 56 62 14 687; Fax: +48 56 26 638; email: `mnasien@cc.uni.torun.pl`; WWW: `http://www.cc.uni.torun.pl/~mnasien`.

August 3–7, 1998. Proof Theory and Complexity Workshop. BRICS, Department of Computer Science, University of Aarhus, Denmark. Speakers include N. Arai, J. Avigad, A. Beckmann, S. Bellantoni, W. Burr, H. de Nivelle, R. Dyckhoff, S. Feferman, A. Hendriks, M. Hofmann, J. Hudelmaier, J. Johannsen, D. Leivant, G. Mints, I. Moerdijk, C. Pollett, A. A. Razborov, H. Schwichtenberg, D. Scott, G. Takeuti, and J. van Oosten. WWW: `http://www.brics.dk/Activities/98/PAC/`.

August 24–28, 1998. ESSLLI-98 Workshop on Mutual Knowledge, Common Ground and Public Information. Saarbrücken, Germany. WWW: `http://www.coli.uni-sb.de/esslli`.

August 27–28, 1998. Fixed Points in Computer Science (FICS'98). Brno, Czech Republic. Invited speakers are: A. Arnold, J. W. de Bakker, and Y. N. Moschovakis. Email: `fisc@inf.u-szeged.hu`; WWW: `http://www.inf.u-szeged.hu/fics/`.

August 28–30, 1998. Colloquium Logicum 98: Logic in Mathematics, Philosophy, and History. Berlin, Germany. Invited speakers include S. Shelah, S. Todorčevic, H. Woodin, A. Pillay, A. Wilkie, S. Kripke, and G. Heinzmann. Abstracts of contributed papers should be sent by June 15 to: M. Kracht, 2. Mathematisches Institut der FU, Arnimallee 3, 14195 Berlin, Germany. Additional information may be obtained from: S. Koppelberg, 2. Mathematisches Institut der FU, Arnimallee 3, 14195 Berlin, Germany; email: `sabina@math.fu-berlin.de`; or A. Baudisch, Institut für Mathematik der HU Berlin, 10099 Berlin, Germany; email: `baudisch@mathematik.hu-berlin.de`.

September 14–18, 1998. Workshop on Principles of Abstract Machines. Pisa, Italy. This is in conjunction with the Joint International Symposia SAS'98 and PLILP/ALP'98. The deadline for submission of papers is June 19, 1998. Further information is available at: `http://www.di.unipi.it/di/groups/lp/spa98`.

October 26–30, 1998. Fourth International Conference on Principles and Practice of Constraint Programming (CP98). Pisa, Italy. Invited speakers include J. Jaffar and P. Prosser. Satellite workshops will be organized on Friday, October 30. For details see the webpage: `http://www.di.unipi.it/~bista/cp98/`.

November 8–11, 1998. 1998 IEEE Symposium on Foundations of Computer Science (FOCS '98). Palo Alto, California. Program Chair: Rajeev Motwani, Gates Computer Science Building, 4B, Department of Computer Science, Stanford University, Stanford, CA 94305-9045; WWW: `http://theory.stanford.edu/~focs98`.

January 5–9, 1999. Seventh International AMAST Conference. Amazonia, Brazil. Topics include: software technology; programming methodology; logic programming, functional programming, object paradigms, constraint programming and concurrency, program verification and transformation, programming calculi, specification languages and tools, formal specification and development case studies; algebraic and logical foundations; theorem proving and logical frameworks for reasoning, logics of programs; systems and tools (for system demonstrations or ordinary papers); computer algebra systems, theorem proving systems.

The deadline for submission of papers is June 15, 1998. Further details at: www.lmf-di.puc-rio.br/∼amast98.

January 8–12, 1999. Twenty-third Holiday Symposium: Algebraic Structures for Logic. Las Cruces, New Mexico. The centerpiece of the program will consist of five one-hour lectures each by W. Blok and B. Jonsson. Abstracts should be sent by the deadline of November 7, 1998 to the organizers: M. Gehrke and J. Harding; email: holiday@nmsu.edu; WWW: http://math.nmsu.edu/∼holsymp.

January 10–12, 1999. 7th International Conference on Database Theory (ICDT'99). Jerusalem, Israel. The deadline for submission of abstracts is June 19, 1998. Further details at: http://www.cis.upenn.edu/∼icdt99.

March 5–7, 1999. The History of Logic. University of Cincinnati, Ohio. Invited speakers include T. Parsons (Taft Memorial Lecturer), I. Angelelli, N. Cocchairella, G. Klima, C. Normore, and M. White. Further information may be obtained from: John Martin, Department of Philosophy, University of Cincinnati, P. O. Box 210374, Cincinnati, Ohio 45221-0374; telephone: 513-556-6339; Fax: 513-556-2939; WWW: http://ucaswww.mcm.uc.edu/philosophy/martinj/colloquium.html; email: john.martin@uc.edu.

April 7–9, 1999. Fourth International Conference on Typed Lambda Calculi and Applications (TCLA'99). L'Aquila, Italy. Contributions by September 4, 1998, to (PostScript by email): tlca99@iml.univ-mrs.fr or (hard copy): Jean-Yves Girard, Institut de Mathématiques de Luminy, 163 Avenue de Luminy, case 907, 13288 Marseille cedex 9, France; Fax: +33-491269655. Further information is available from: Benedetto Intrigila, Dipartimento di Matematica, Università di l'Aquila, Via Vetoio, Loc. Coppito, 67100 l'Aquila, Italia; email: tlca99.aquila@univaq.it; Fax: +39-862-433180; WWW: http://w3.dm.univaq.it/tlca99.

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

Term Rewriting and All That. This textbook by F. Baader and T. Nipkow offers a unified and self-contained introduction to the field of term rewriting (Cambridge University Press, 1998, ISBN 0-521-45520-0).

The Efficiency of Theorem Proving Strategies: A Comparative and Asymptotic Analysis. Authors D. Plaisted and Y. Zhu introduce mathematical techniques to analyze efficiencies of theorem proving strategies. (Informatica International, Inc., Department Vieweg; ISBN: 3-528-05574-X); 275 C Marcus Blvd., Hauppage, New York 11788; telephone: 516-952-1676; Fax: 516-952-1685; email: 70544.2431@Compuserve.com.

Formal Hardware Verification: Methods and Systems in Comparison. Thomas Kropf, Editor. (Springer Verlag, LNCS State-of-the-Art Survey 1287, 1997, ISBN 3-540-63475-4). WWW: http://goethe.ira.uka.de/hvg/lncs1287/.