THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- IN MEMORIAM: WILLIAM NELSON REINHARDT. William Reinhardt, Professor of Mathematics at the University of Colorado, died Monday, June 22, 1998, at the age of 59. He received his B.A. from the College of Wooster in Wooster, Ohio, and his Ph.D. in Mathematics from the University of California at Berkeley in 1967. Professor Reinhardt taught at the University of Colorado from 1967 to 1997. He worked in set theory, logic, and the foundations of mathematics, and a central focus of his work was the search for new axioms of mathematics. His family has indicated that memorial contributions may be made to the Association for Symbolic Logic, Department of Mathematics, University of Illinois, 1409 West Green Street, Urbana, IL 61801.
- 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. Abstracts of contributed papers from ASL members should be sent by the deadline of October 9, 1998, to the ASL office (`asl@math.uiuc.edu`; ASL, 1409 W. Green St., Urbana, Illinois 61801). Abstracts must satisfy the Rules for Abstracts given below. In the AMS meeting there will be an ASL/AMS Special Session on Model Theory and its Applications, organized by A. Pillay. Abstracts for this Special Session must be sent to the AMS before their deadline. Other AMS special sessions include: Commutative Algebra and Algebraic Geometry, Computational Algebraic Geometry for Curves and Surfaces, Singlarities in Algebraic and Analytic Geometry, Mathematics and Education Reform, History of Mathematics, and Mathematics Education and Mistaken Philosophies of Mathematics.
- THE 1998–99 ASL ANNUAL MEETING. *March 20–23, 1999, San Diego, California.* Abstracts of contributed papers from ASL members should be sent by the deadline of January 15, 1999, to the Program Chair: Sam Buss, Department of Mathematics, University of California at San Diego, La Jolla, California 92093-0112; email: `sbuss@ucsd.edu`. Abstracts must satisfy the Rules for Abstracts given below. The program committee consists of S. Buss, Chair, B. Hart, C. Jockusch, V. McGee, and W. H. Woodin. The Chair of the local organizing committee is G. Sher.
- THE 1999 ASL SPRING MEETING. *May 7–8, 1999, New Orleans, Louisiana.* This meeting will be held in conjunction with the annual meeting of the Central Division of the American Philosophical Association, May 5–8, 1999. Abstracts of contributed papers from ASL members should be sent by the deadline of February 26, 1999, to the ASL office (`asl@math.uiuc.edu`; ASL, 1409 W. Green St., Urbana, Illinois 61801). Abstracts must satisfy the Rules for Abstracts given below. For any abstract submitted before November 6, 1998, the contributed talk will be scheduled and announced in the meeting program published by the APA. The APA meeting will include a Symposium on Frege and Russell, with speakers Peter Hylton and Ian Rumfitt.
- THE 1999 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '99). *August 1–6, 1999, Utrecht, The Netherlands.* The program will represent logic broadly. A featured topic will be computational logic, broadly conceived. Abstracts of contributed papers must be submitted by the deadline of April 2, 1999, to the Program Chair: Wilfrid Hodges, School of Mathematical Sciences, Queen Mary and Westfield College, Mile End Rd., London E1 4NS, England; email: `w.hodges@qmw.ac.uk`. Abstracts must satisfy the Rules for Abstracts given below. The Program Committee includes E. Barendsen, J. van Eijck, S. Goncharov, W. Hodges, Chair, D. de Jongh, A. Kechris, P. Koepke, M. Lerman, D. Marker, J. van Oosten,

A. Pitts, and A. Visser. The local organizing committee includes J. van Eijck, Chair, M. de Rijke, Y. Venema, P. Dekker, and P. Blok. Those interested in this ASL meeting should note that ESSLLI-99 will take place in Utrecht during the two following weeks, August 8–20, 1999.

- Student Travel Grants: The 1998–99 Annual Meeting and the 1999 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 1998–99 ASL Annual Meeting in San Diego, California, or the 1999 ASL European Summer Meeting in Utrecht, The Netherlands; see above 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 supported by a grant from the US National Science Foundation; NSF funds may be awarded only to students at USA universities as well as citizens and permanent residents of the USA. For the 1998–99 ASL Annual Meeting, applications should be sent by the deadline of January 15, 1999, 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 the 1999 ASL European Summer Meeting they should be sent by the deadline of April 2, 1999, to the Program Chair: Wilfrid Hodges, School of Mathematical Sciences, Queen Mary and Westfield College, Mile End Rd., London E1 4NS, England; email: `w.hodges@qmw.ac.uk`. For both meetings, application by email is allowed, in fact encouraged.
- ASL Meetings in the Year 2000. The ASL Annual Meeting and the ASL European Summer Meeting in the year 2000 will be organized to have special impact on the future of logic, in recognition of the new millennium. The Annual Meeting will take place June 3–7, 2000, at the University of Illinois at Urbana-Champaign. The European Summer Meeting will take place July 23–31, 2000, in Paris.
- Rules for Abstracts. Abstracts of contributed talks at ASL meetings 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 must be submitted in hard copy or electronically *in PostScript format*; TeX files, MS-Word files, etc. will not be accepted. To ensure accurate and timely typesetting: (1) Each abstract submission must include the complete address of at least one author, including an email address, or a statement that no email address is available. (2) Abstracts may not include drawings or footnotes. (3) The references must be complete: author, title, full name of journal, year, volume, page numbers; for a book, complete publisher data. Typesetting is done immediately after the submission deadline, so abstracts should be in final form when they are submitted. A typeset booklet containing the abstracts will be distributed to participants at the meeting. Galley proofs are given to authors at the time of the meeting or before, and must be corrected, approved, and returned within a few days of receipt; only corrections to typesetting errors can be made in galley proofs. Abstracts are published as part of the meeting report in *The Bulletin of Symbolic Logic* only if the author is a member of the ASL at the time the report is sent for publication.

- 1999 FEDERATED LOGIC CONFERENCE (FLoC'99). *July 2–10, 1999, Trento, Italy.* FLoC includes: 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. See the Web page for a list of these workshops. The FLoC'99 Steering Committee consists of M. Vardi (Chair), F. Giunchiglia (Conference Chair), L. Libkin (Publicity Chair), P. Traverso (CADE), J. Sifakis (CAV), E. Moggi (LICS), S.R. della Rocca (LICS), and A. Asperti (RTA). WWW: `http://www.cs.bell-labs.com/~libkin/floc99`. (LICS is an ASL sponsored meeting.)
- CALENDAR OF OTHER MEETINGS. See `http://www.math.uiuc.edu/~asl/` and the indicated Web pages for more information, including rules for submission of papers.
- THE FIRST INTERNATIONAL WORKSHOP ON LABELLED DEDUCTION (LD '98). *September 7–9, 1998, Freiburg, Germany.* Contact: LD'98, c/o L. Viganò, Institut für Informatik, Universität Freiburg, Am Flughafen 17, 79110 Freiburg, Germany; Telephone: +49 (761) 203-8243; Fax: +49 (761) 203-8242; email: `ld98@informatik.uni-freiburg.de`. WWW: `http://www.informatik.uni-freiburg.de/~ld98/`.
- COLLEGIUM LOGICUM 1998: COMPLEXITY. *October 9–10, 1998, Vienna University of Technology, Austria.* Meeting information: `http://www.dbai.tuwien.ac.at/staff/veith/call98.html`. Kurt Gödel Society: `http://www.logic.at/kgs/home.html`.
- PHILOSOPHICAL PROBLEMS IN THE HISTORIOGRAPHY OF SCIENCE. *November 14–15, 1998, Pittsburgh, Pennsylvania.* Contact: Wesley C. Salmon, Center for Philosophy of Science, 817 Cathedral of Learning, University of Pittsburgh, Pittsburgh, PA 15260; Fax: 412-624-4489; email: `wsalmon+@pitt.edu`.
- MAL'TSEV MEETING ON ALGEBRA AND LOGIC. *November 17–19, 1998, Novosibirsk, Russia.* Contact: Sergei Pyrkin, the secretary of the Organizing Committee, Institute of Mathematics SB RAS, Prospekt Akad. Koptyuga, 4, Novosibirsk, 630090, Russia; telephone: +7(383-2)33-31-97; Fax: +7(383-2)33-25-98; email: `malmeet@math.nsc.ru`. WWW: `http://www.math.nsc.ru/conference/malmeet`.
- 2ND INTERNATIONAL WORKSHOP ON FIRST-ORDER THEOREM PROVING (FTP '98). *November 23–25, 1998, Vienna, Austria.* WWW: `http://www.logic.at/ftp98`.
- DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE (DMTCS'99) AND COMPUTING: THE AUSTRALASIAN THEORY SYMPOSIUM (CATS'99). *January 18–21, 1999, Auckland, New Zealand.* WWW: `http://www.tcs.auckland.ac.nz/~acsw99/`.
- GRADUATE CONFERENCE IN LOGIC AND THE PHILOSOPHY OF SCIENCE, AND THE PITTSBURGH JOURNAL. *March 5–6, 1999, Pittsburgh, Pennsylvania.* The University of Pittsburgh and Carnegie Mellon University are the joint sponsors of this conference and the creation of *The Pittsburgh Journal: Graduate Research in Logic and the Philosophy of Science*. All graduate level students are invited to submit a paper on any topic relevant to logic and/or the philosophy of science. Accepted authors will be invited to speak in Pittsburgh on March 5 and 6, 1999, and a portion of those invited to speak will also be published in *The Pittsburgh Journal*. Submission deadline: October 15, 1998, to: Mark Shipman, Department of Philosophy, Carnegie Mellon University, Schenley Park, Pittsburgh, Pennsylvania 15213-3890; email: `mps+@andrew.cmu.edu`. WWW: `http://www.andrew.cmu.edu/org/journal`.

- LOGIC, GAME THEORY, AND SOCIAL CHOICE. *May 13–16, 1999, Oisterwijk (near Tilburg), The Netherlands.* Program Chair: 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/lgs.htm`. Submission deadline: December 1, 1998.
- THE SEVENTH ASIAN LOGIC CONFERENCE. *June 7–10, 1999, Hsi-Tou, Taiwan.* The deadline for submission of abstracts of contributed talks is January 31, 1999. WWW: `http://www.sinica.edu.tw/math/html/workshop/alc99/alc99.html`.
- ANALYTIC TABLEAUX AND RELATED METHODS (TABLEAUX'99). *June 7–11, 1999, The Inn at Saratoga, Saratoga Springs, New York.* Submission deadline: December 4, 1998. Contact: Neil V. Murray, Institute of Programming and Logics, Department of Computer Science LI-67A, University at Albany – SUNY, Albany, New York 12222; email: `nvm@cs.albany.edu`. WWW: `http://www.cs.albany.edu/~nvm/tab99/`.
- 1999 AMS-IMS-SIAM JOINT SUMMER RESEARCH CONFERENCE: COMPUTABILITY THEORY AND APPLICATIONS. *June 13–17, 1999, University of Colorado, Boulder.* WWW: `http://www.nd.edu/~cholak/computability/joint.html`.
- REWRITING TECHNIQUES AND APPLICATIONS (RTA'99). *July 2–4, 1999, Trento, Italy.* Submission deadline: December 1, 1998. Program Co-chairs: Paliath Narendran, SUNY at Albany, Department of Computer Science, Albany, New York 12222; email: `dran@cs.albany.edu`; and Michael Rusinowitch, LORIA and INRIA Lorraine, 615, rue du Jardin Botanique, BP 101, 54602 Villers les Nancy cedex, France; email: `rusi@loria.fr`. WWW: `http://rta99.loria.fr/`.
- ELEVENTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-99). *August 9–20, 1999, Utrecht, The Netherlands.* Contact: H. Wansing, Attn: ESSLLI-99, Institute of Logic and Philosophy of Science, University of Leipzig, Augustusplatz 9, 04109 Leipzig, Germany; telephone: +49 341 9735 773 (770) or +49 351 463 5489; Fax: +49 341 9735 798; email: `wansing@rz.uni-leipzig.de`. WWW: `http://www.wins.uva.nl/research/folli/`. Note that the 1999 ASL European Summer Meeting (Logic Colloquium '99) will take place in Utrecht during the preceding week, August 1–6, 1999.
- INTERNATIONAL CONFERENCE ON MATHEMATICAL LOGIC. *August 10–15, 1999, Novosibirsk, Russia.* Dedicated to the 90th birthday anniversary of A. I. Maltsev. Telephone: 7-383-2-356237; Fax: 7-383-2-357808; email: `ryaskin@math.nsc.ru`.
- OTHER ANNOUNCEMENTS. See `http://www.math.uiuc.edu/~asl/` and the indicated Web pages for more information.
- PROGRAMMING WITH CONSTRAINTS: AN INTRODUCTION. Authors: Kim Marriott and Peter Stuckey. Course material is available for use with the book at: `http://www.cs.mu.oz.au/~pjs/book/course.html`. (MIT Press, 1998, ISBN: 0-262-13341-5) For ordering information: `http://mitpress.mit.edu/book-home.tcl?isbn=0262133415`.
- DOMAINS AND LAMBDA CALCULI. Authors: Roberto Amadio and Pierre-Louis Curien. Cambridge Tracts in Theoretical Computer Science, Volume 46. (Cambridge University Press; ISBN 0-521-62277-8). WWW: `http://www.cup.cam.ac.uk`.