The Bulletin of Symbolic Logic
Volume 5, Number 3, Sept. 1999

NOTICES

- Student Travel Grants: The 2000 Annual Meeting and the 2000 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 2000 ASL Annual Meeting at the University of Illinois at Urbana-Champaign, or the 2000 ASL European Summer Meeting in Paris, France; 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 supported by a grant from the US National Science Foundation; NSF funds may be awarded only to students at USA universities and to citizens and permanent residents of the USA. Air travel paid for by using NSF funds must be on a US airline.

  For the 2000 ASL Annual Meeting, applications and recommendations should be received before the deadline of February 15, 2000, by the Program Chair: Carl Jockusch, Department of Mathematics, University of Illinois, 1409 West Green Street, Urbana, Illinois 61801; email `jockusch@math.uiuc.edu`.

  For the 2000 ASL European Summer Meeting, applications should be received before the deadline of March 31, 2000, by the Organizing Committee; they should be sent by email to: `lc2000-robot@logique.jussieu.fr`, by Fax to +33 1 44 27 61 48, or by mail to LC2000, UFR de Mathématiques, case 7012, Université Paris 7 – Denis Diderot, 2 place Jussieu, 75251 Paris Cédex 05, France. In addition, recommendation letters should be sent to the Program Chair: Carol Wood, Department of Mathematics, Wesleyan University, Middletown, Connecticut 06459; email: `cwood@wesleyan.edu`.

  For both meetings, application by email is encouraged.

- The 1999–2000 ASL Winter Meeting. *January 21–22, 2000, Washington, DC.* This meeting will be held in conjunction with the annual meeting of the American Mathematical Society, January 19–22, 2000. The Program Committee of the ASL meeting consists of V. Harizanov, J. Larson, Chair, C. Laskowski, C. Posy, and M. Scheepers. Abstracts of contributed talks from ASL members should be received before the deadline of October 1, 1999, by the ASL office (`asl@math.uiuc.edu`; ASL, 1409 West Green Street, Urbana, Illinois 61801). Abstracts must satisfy the Rules for Abstracts given below.

- The 2000 ASL Annual Meeting. *June 3–7, 2000, University of Illinois at Urbana-Champaign.* This meeting will be organized to have a special impact on the future of logic, in recognition of the new millennium. It will be a day longer than usual and, in addition to the usual features of an ASL annual meeting, it will include panel discussions on the topics: "The Development of Logic in the 20th Century", "The Prospects for Mathematical Logic in the 21st Century", and "Does Mathematics Need New Axioms?". The Institute for Mathematics and its Applications will provide partial financial support for these panel discussions. There will be special sessions on Model Theory, Computability Theory, Set Theory, Proof Theory and Complexity, Constructivism, and Philosophy of Mathematics.

The members of the Program Committee are J. Avigad, M. Davis, Y. Gurevich, M. Hallett, D. Haskell, G. Hjorth, C. Jockusch, Chair, A. Kanamori, H. J. Keisler, V. McGee, T. Pitassi, S. Starchenko, and W. Tait. The members of the Local Organizing Committee are L. van den Dries, C. W. Henson, C. G. Jockusch, and A. Pillay. Further information may be obtained from the Program Chair: Carl Jockusch, Department of Mathematics, University of Illinois, 1409 West Green Street, Urbana, Illinois 61801; email: `jockusch@math.uiuc.edu`.

Abstracts of contributed talks from ASL members should be received before the deadline of January 15, 2000, by the ASL office (`asl@math.uiuc.edu`; ASL, 1409 West Green Street, Urbana, Illinois 61801). Abstracts must satisfy the Rules for Abstracts given below.

- The 2000 ASL European Summer Meeting (Logic Colloquium 2000). *July 23–31, 2000, Paris, France.* The Program Committee includes D. Andler, C. Berline, B. Cooper, D. van Dalen, A. Kanamori, C. Parsons, A. Razborov, H. Schwichtenberg, J. Steel, S. Todorčević, A. Wilkie, and C. Wood, Chair. The Local Organizing Committee includes C. Berline, Z. Chatzidakis, R. Cori, M. Dickmann, J. Dubucs, J.-B. Joinet, D. Lascar, J. Mosconi, M.-H. Mourgues, C. Mulhrad-Grief, L. Pacholski, J.-P. Ressayre, B. Veličković, and F. Ville. The Program Committee welcomes suggestions for speakers and topics, which may be sent to the Program Chair: Carol Wood, Department of Mathematics, Wesleyan University, Middletown, Connecticut 06459; email: `cwood@wesleyan.edu`. Abstracts of contributed talks must be received by the deadline of March 31, 2000; they should be sent by email to `lc2000-robot@logique.jussieu.fr`, by Fax to +33 1 44 27 61 48, or by mail to LC2000, UFR de Mathématiques, case 7012, Université Paris 7 – Denis Diderot, 2 place Jussieu, 75251 Paris Cédex 05, France. Further information may be obtained from these addresses or at the meeting website: `http://lc2000.logique.jussieu.fr`. Abstracts submitted by ASL members will be published in *The Bulletin of Symbolic Logic*, but they must satisfy the Rules for Abstracts given below.

- Rules for Abstracts. Please note that abstracts of contributed talks at ASL meetings (including those submitted "by title") *must* follow these rules; abstracts which do not conform to these requirements will be returned immediately to the authors submitting them. Revised abstracts which do follow these rules will be considered if they are received by the announced deadline.

  Abstracts of contributed talks 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 by ordinary mail or in a *plain text* email message. Electronically submitted abstracts should be either plain text or in PostScript format; special word processor files (MS-Word, WordPerfect, etc.) will not be accepted. Abstracts that are produced using TeX should be fully processed by the author and submitted as a PostScript file. Care should be taken that abstract files attached to an email message are included as *plain text* and not in some coded format.

  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 immediately after receipt; no changes other than corrections of typesetting errors may be made.

For ASL meetings in North America, at least one author of each contributed abstract must be an ASL member; this requirement does not apply to the ASL European Summer Meeting. Abstracts are published as part of the meeting report in *The Bulletin of Symbolic Logic* only if at least one author is a member of the ASL at the time the report is sent for publication. Each set of authors may submit only one abstract to each ASL meeting.

- SECOND WORLD CONGRESS ON PARACONSISTENCY (WCP'2000). *May 10–13, 2000, Campinas, SP, Brazil.* This meeting will take place at the Centre for Logic, Epistemology and the History of Science (CLE), State University of Campinas (Unicamp), Campinas, Brazil. It is dedicated to the 70th birthday of Newton C. A. da Costa. Invited speakers include: Arnon Avron, Daniele Mundici, Diderik Batens, Francisco A. Doria, Graham Priest, Hiroakira Ono, Itala M. L. D'Ottaviano, Jerzy Perzanowski, Luis Farinas Del Cerro, Newton C. A. da Costa, Renato Lewin, Robert K. Meyer, Steven French, Vladimir Vasyukov, V. S. Subrahmanian and Walter A. Carnielli. The Scientific Committee for this meeting consists of Arnon Avron, Decio Krause, Diderik Batens, Elias H. Alves, Florencio G. Asenjo, Francisco A. Doria, Graham Priest, Hiroakira Ono, Itala M. L. D'Ottaviano, Jair Minoro Abe, Jean-Yves Beziau, Jerzy Perzanowski, Luis Farinas Del Cerro, Marcel Guillaume, Max Urchs, Renato Lewin, Robert K. Meyer, Steven French, Vladimir Vasyukov, V. S. Subrahmanian and Walter A. Carnielli. The Local Organizing Committee consists of Itala M. L. D'Ottaviano (Co-Chair), Walter Carnielli (Co-Chair), Marcelo E. Coniglio, Daniel Durante P. Alves and João Marcos. Contributed papers should be submitted by the deadline of December 17, 1999. Please send condensed articles as anonymous submissions (7 to 10 pages, 11 pt, preferably in PostScript Format or Rich Text Format) by email to `wcp2000@cle.unicamp.br`, or by post to the address below, accompanied by a covering letter with name and address of the author(s). Further information may be obtained from: Organizing Committee of WCP'2000, CLE – State University of Campinas – UNICAMP, C.P. 6133, 13081-970 - Campinas, SP, Brazil; Fax: +55 19 289 3269; email: `wcp2000@cle.unicamp.br`; WWW: `http://logica.cle.unicamp.br/wcp/wcp2000.htm`. (ASL sponsored meeting.)
- BRITISH LOGIC COLLOQUIUM 1999. *September 23–25, 1999, Gregynog, Wales.* WWW: `http://www.cl.cam.ac.uk/~ad260/blc99.html`.
- PRINCIPLES, LOGICS, AND IMPLEMENTATIONS OF HIGH-LEVEL PROGRAMMING LANGUAGES (PLI' 99). *September 27–October 1, 1999, Paris, France.* WWW: `http://pauillac.inria.fr/pli/`.
- WORKSHOP ON LOGICAL FRAMEWORKS AND META-LANGUAGES (LFM'99). *September 28, 1999, Paris, France.* WWW: `http://www.cs.bell-labs.com/~felty/LFM99/`.
- INTERNATIONAL SYMPOSIUM ON DOMAIN THEORY (ISDT'99). *October 17–24, 1999, Shanghai, China.* WWW: `http://www.cs.uga.edu/~gqz/ISDT.html`.
- THE TWELFTH AMSTERDAM COLLOQUIUM. *December 18–21, 1999, University of Amsterdam, Amsterdam, The Netherlands.* WWW: `http://www.illc.uva.nl/AC99/`.
- THE FUTURE OF THE TURING TEST: THE NEXT FIFTY YEARS. *January 28–30, 2000, Dartmouth College, Hanover, New Hampshire.* WWW: `http://www.dartmouth.edu/~phil/events/TuringTestConference.html` and `http://dartmouth.edu/~phil/events/LoebnerPrize2000.html`.
- COMPUTING: THE AUSTRALASIAN THEORY SYMPOSIUM (CATS 2000). *January 31–February 2, 2000, Canberra, Australia.* WWW: `http://cs.anu.edu.au/cats2000/`.
- INTERNATIONAL SYMPOSIUM ON FOUNDATIONS OF INFORMATION AND KNOWLEDGE SYSTEMS (FOIKS 2000). *February 14–17, 2000, Burg (Spreewald), Germany.* WWW: `http://www.informatik.tu-cottbus.de/~fois/cfp.html`.

- 17TH INTERNATIONAL SYMPOSIUM ON THEORETICAL ASPECTS OF COMPUTER SCIENCE (STACS 2000). *February 17–19, 2000, Lille, France.* WWW: `http://www.lifl.fr/stacs2000`.
- FRONTIERS OF COMBINING SYSTEMS (FroCoS 2000). *March 22–24, 2000, Nancy, France.* WWW: `http://www.loria.fr/conferences/frocos2000/`.
- SOFTWARE TECHNOLOGY (AMAST 2000). *May 23–27, 2000, Iowa City, Iowa.* WWW: `http://www.cs.uiowa.edu/amast2000`.
- MATHEMATICS OF PROGRAM CONSTRUCTION (MPC 2000). *July 3–7, 2000, Ponte de Lima, Portugal.* WWW: `http://www.di.uminho.pt/mpc2000`.
- TWELFTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2000). *August 6–18, 2000, Birmingham, England.* WWW: `http://www.folli.uva.nl/Esslli/2000/esslli-2000.html`.
- PHILOSOPHY AT UC IRVINE. The philosophers at the University of California, Irvine are pleased to announce the formation of a new graduate program in philosophy. This program will be cooperatively administered by two academic units—the Department of Philosophy (in the School of Humanities) and the Program in Logic and the Philosophy of Science (in the School of Social Sciences)—with two independent tracks—the Philosophy Track and the LPS Track. Both tracks begin from a common core of general philosophy requirements—history, logic, ethics, metaphysics/epistemology, etc.—and lead to a PhD in Philosophy. Curricular details are available on the UCI Philosophy website (`http://hypatia.ss.uci.edu/lps/`). Applications for the fall of 2000 will be accepted until January 15, 2000. Applications are invited from undergraduate students in philosophy, mathematics, the sciences, and related fields.
- CALL FOR PAPERS: AUTOMATED SOFTWARE ENGINEERING: AN INTERNATIONAL JOURNAL. Special Issue on Inductive Programming. Guest Editors: Pierre Flener and Derek Partridge. Papers must be prepared using the ASE author instructions (at `http://www.wkap.nl/journalhome.htm/0928-8910`). Submission deadline: November 30, 1999. WWW: `http://www.csd.uu.se/~pierref/ase/`
- RARE BOOKS IN PHILOSOPHY, LOGIC, AND FOUNDATIONS OF MATHEMATICS. Highlights include first editions of Aristotle's Organon (1495), Descartes' Discours de la Methode (1637), Hume's Philosophical Essays (1748), Smith's Theory of Moral Sentiments (1759), Kant's Critik der reinen Vernunft (1781), autographed letters by J.S. Mill and Rousseau, and original typescript copies of Wittgenstein's Blue and Brown Books. Modern figures represented include Ackermann, Brouwer, Cantor, Church, Frege, Gödel, Hilbert, Peano, Peirce, Quine, Russell, Schröder, and Von Neumann. For a copy of catalogue 1261, please contact: Bernard Quaritch, Ltd., 5–8 Lower John Street, Golden Square, London, W1R 4AU, U.K.; telephone: +44 171 734 2983; Fax: +44 171 437 0967; email: `rarebooks@quaritch.com`; WWW: `http://www.quaritch.com`.
- NORMS, LOGICS AND INFORMATION SYSTEMS. NEW STUDIES IN DEONTIC LOGIC AND COMPUTER SCIENCE. Volume 49 in the series *Frontiers in Artificial Intelligence and Applications*. Eds. H. Prakken and P. McNamara. (1998, 373 pages, hardcover, ISBN 9-051-99427-3, $83.00)
- LECTURES ON THE HYPERREALS: AN INTRODUCTION TO NONSTANDARD ANALYSIS. Author: Robert Goldblatt (Graduate Texts in Mathematics 188, Springer-Verlag, 1998, xiv+289 pages, hardcover, ISBN 0-387-98464-X, $49.95) WWW: `http://www.springer-ny.com/catalog/np/may98np/0-387-98464-X.html`.

- DISPLAYING MODAL LOGIC. Author: Heinrich Wansing (Trends in Logic Series, Volume 3, Kluwer Academic Publishers, Dordrecht, 1998, 264 pages, hardcover, ISBN 0-7923-5205-X, NLG 195.00/USD 105.00/GBP 67.00) WWW: `http://www.wkap.nl/book.htm/0-7923-5205-X`.
- SYNTACTIC THEORY: A FORMAL INTRODUCTION. Authors: Ivan A. Sag and Thomas Wasow (CSLI Publications, Stanford University, Ventura Hall, Stanford, California 94305-4115; telephone: 650-723-1839; Fax: 650-725-2166; email: `pubs@roslin.stanford.edu`) Distributed by Cambridge University Press, telephone: 800-872-7423. WWW:`http://csli-publications.stanford.edu/1575861607.html`.
- NEUTROSOPHY: NEUTROSOPHIC PROBABILITY, SET, AND LOGIC. Author: Florentin Smarandache (American Research Press, Rehoboth, USA, 1998, 105 pages, ISBN 1-879585-63-4) WWW: `http://www.gallup.unm.edu/~smarandache/`.
- ADVANCES IN CONTEMPORARY LOGIC AND COMPUTER SCIENCE. Proceedings of the Eleventh Brazilian Logic Conference on Mathematical Logic, held in Salvador, Bahia, Brazil, in May 1996. Editors: Walter Carnielli and Itala M. L. D'Ottaviano. (Contemporary Mathematics Vol. 235, American Mathematical Society, 1999, 326 pages, softcover, ISSN 0271-4132, $60)