THE BULLETIN OF SYMBOLIC LOGIC
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# NOTICES

- IN MEMORIAM: JON BARWISE. K. Jon Barwise died of cancer on March 5, 2000, at the age of 57. He was Vice President of the Association for Symbolic Logic at the time of his death. Since 1990, Jon had been College Professor of Computer Science, Mathematics, and Philosophy at Indiana University, Bloomington. From 1990 until 1997, Jon also served as Director of the Indiana University Logic Program.

  Jon is known worldwide for his research in logic and related fields, including philosophy, computer science, and linguistics. He did important work in a range of areas, including model theory, infinitary languages, semantics for natural language, visual inference, and information theory.

  Jon received his BA in Mathematics and Philosophy from Yale University in 1963 and his PhD in Mathematics from Stanford University in 1967. In 1992 he received an honorary Doctor of Science degree from the University of Pennsylvania. In 1997 he and John Etchemendy shared the Educom medal in philosophy for designing computer programs to help teach logic. Between 1983 and 1990 he was Professor of Philosophy at Stanford University, where he was a co-founder and the first director of the Center for the Study of Language and Information, and the first director of the Symbolic Systems Program. Earlier he held appointments at Yale University and the University of Wisconsin.

- IN MEMORIAM: DONNA CARR. Donna Carr died February 25, 2000, at the age of 59. She was a faculty member in the Department of Mathematics at the University of Wisconsin Parkside since 1989, and chaired the Department during 1995–98. She received her PhD in Mathematics in 1982 at McMaster University under the direction of Donald Pelletier and worked in set theory, especially on the combinatorial properties of ideals that define large cardinals. She held faculty positions at York University, SUNY Plattsburgh, and Michigan State, before going to UW Parkside.

- ASL SECRETARY-TREASURER. The ASL Executive Committee has appointed Charles Steinhorn of Vassar College as ASL Secretary-Treasurer, to replace C. Ward Henson, who is stepping down this year after serving since 1983. Henson will continue to serve as ASL Publisher, as has been previously announced. Steinhorn will assume the position of Secretary-Treasurer on September 30, 2000. During the Fall the ASL office will move from the University of Illinois at Urbana-Champaign to Vassar College.

- 1999 SACKS PRIZE AWARDED TO DENIS HIRSCHFELDT AND RENE SCHIPPERUS. The ASL Committee on Prizes and Awards selected Denis Hirschfeldt and Rene Schipperus as the recipients of the 1999 Sacks Prize, which is given each year for the best doctoral thesis in mathematical logic. This is the first year the Prize has been awarded under the auspices of the ASL. The Committee on Prizes and Awards consisted of Andreas Blass, Gregory Cherlin, Warren Goldfarb, Manuel Lerman, Chair, and Pavel Pudlák. The Prize consists of a cash award plus five years free membership in the ASL.

  Denis Hirschfeldt received his PhD in 1999 from Cornell University, under the guidance of Richard Shore. In his thesis, he introduced a new technique for building constructive models which solves an open question which had evaded solution despite attempts by some of the top people in the field. These techniques have since been applied to solve other questions. He also introduced a new class of problems which have since become a focal point for investigations by others. The committee felt that this thesis is marked by ingenuity, insight, originality, and considerable technical prowess.

Rene Schipperus received his PhD in 1999 from the University of Colorado, under the guidance of Richard Laver. In his thesis, he introduced new techniques to solve a problem of Erdös on ordinal partition relations which had been open for about 30 years. The thesis has stimulated work which led to some generalizations of Schipperus's result. The committee felt that this result required a quite intricate proof and the thesis introduced a game-theoretic technique that is quite different from what had been tried before in that area.

- 2000 SACKS PRIZE. The Sacks Prize, for the best doctoral dissertation in mathematical logic, will be awarded for the sixth time in December, 2000. 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. The Prize became an ASL Prize in 1999; the Fund on which the Prize is based is now administered by the ASL and the selection of the recipient is made by the ASL Committee on Prizes and Awards. The Sacks Prize will consist of a cash award plus five years free membership in the ASL.

  Students who complete their degrees (equivalent to the American doctoral degree) between October 1, 1999, and September 30, 2000, are eligible for the Prize this year. This is an international prize, with no restriction on the nationality of the candidate or the university where the doctorate is granted. Nominations should be made by the thesis advisor, and consist of: name of student, title and 1–2 page description of dissertation, date and location where the doctorate was awarded, letter of recommendation from the advisor, and an electronic copy of the thesis in .ps form, or the address of a web site from which an electronic copy in .ps, .dvi, or .pdf form can be downloaded; an independent second letter of recommendation is strongly encouraged. Nominations should be sent to the Committee Chair, Manuel Lerman; TeX or PostScript files, sent by e-mail to `mlerman@math.uconn.edu` are preferred. Correspondence should be addressed to Manuel Lerman, Department of Mathematics, University of Connecticut, Storrs, Connecticut 06269-3009. Nominations must be received by September 30, 2000.

  Those wishing to contribute to the Sacks Prize Fund may send contributions to the ASL office (ASL, 1409 W. Green Street, Urbana, Illinois 61801); all such contributions are tax-deductible within the USA.

- ASL STYLE FILE AVAILABLE. ASL publications are typeset in a version of $\mathcal{AMS}$-LaTeX using a style file which is now posted on the ASL web site, at `http://www.aslonline.org`, together with instructions for its use. Authors preparing manuscripts for submission to any ASL publication are encouraged to use LaTeX with this style file. These publications include *The Journal of Symbolic Logic* and *The Bulletin of Symbolic Logic* as well as book series such as the *Lecture Notes in Logic*. In addition, abstracts of talks at ASL meetings are typeset using this style file, and speakers are encouraged to prepare their abstracts using it.

- ASL BOOK PUBLISHING. *Logic Colloquium '98*, a proceedings volume from the 1998 ASL European Summer Meeting, held in Prague, Czech Republic, is now available. This book was edited by Sam Buss, Petr Hájek, and Pavel Pudlák and is in the *Lecture Notes in Logic* series. This 550-page book costs $40 in paper cover and $85 in hard cover, discounted 20% for ASL individual members and for all registered participants in the meeting. It is published by ASL under a cooperative agreement with A K Peters, Ltd., from which it may be ordered: A K Peters, 63 South Ave., Natick, Massachusetts 01760; WWW: `http://akpeters.com`.

  The Editorial Board for the *Lecture Notes in Logic* series consists of Sam Buss, Managing Editor, Lance Fortnow, Shaughan Lavine, Steffen Lempp, Anand Pillay, and W. Hugh Woodin. Authors who wish to submit manuscripts for publication in this series should contact the Managing Editor: Sam Buss, Department of Mathematics, University of California at San Diego, La Jolla, California 92093-0112; email: `sbuss@ucsd.edu`; or one of the other editors.

  Information about the ASL book publishing program may be found at `aslonline.org`.

As a service to the logic community, the existing stock of Volumes 1 and 3–12 in the *Lecture Notes in Logic* series (previously published in cooperation with Springer-Verlag) is being made available at a price that covers only the costs of shipping, administration, handling, and postage. This price will apply as long as the existing stock lasts. The charge for each book is $20.00 ($15.00 for individual ASL members); it covers all shipping and handling costs. Payment should be by Visa or MasterCard credit card or by check in US dollars. Orders should be sent to: ASL Business Office, 1409 West Green Street, Urbana, Illinois 61801 USA; email: `asl@math.uiuc.edu`. Shipment will be by ordinary mail (surface mail to overseas addresses). All books are softcover. A full list of Volumes 1–12 of *LNL* may be found at the ASL web site: `aslonline.org`. These books will be kept in print by the ASL; in particular, Volume 2 in the series will be reprinted early in 2000.

- MATH EDUCATION OF TEACHERS PROJECT DRAFT REPORT. A new draft of the Report of the CBMS Mathematics Education of Teachers Project is now posted on the CBMS web site at `http://www.maa.org/cbms`. This is a project whose goal is to produce a document targeted at Departments of Mathematics to help them improve their efforts in the future education of K–12 teachers of mathematics. It is intended to answer the question: "What do teachers of mathematics need to know and how should they come to know it?" A revised report will be made available in September, 2000. Further information is available from CBMS, 1529 Eighteenth Street NW, Washington, DC 20036; telephone: 202-293-1170; Fax: 202-293-3412; email: `rosier@math.georgetown.edu`.

- 2000 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM 2000). *July 23–31, 2000, La Sorbonne, Paris, France.* Registration will take place during the morning of Sunday, July 23, 2000, and lectures will begin that same afternoon. The program will include four tutorials: J. Longley (realisability and computability of higher-order functionals), E. Bouscaren (geometry and logic), S. Smale and L. Blum (complexity and real computation), and W. H. Woodin (the continuum hypothesis). Other invited speakers include P. Aczel, J. Barwise, S. Buss, M. Davis, P. de Rouilhan, I. Farah, M. Hallett, L. Harrington, R. Heck, W. Hodges, M. Hofmann, G. Jäger, J.-L. Krivine, Y. Lafont, R. Laver, A. Macintyre, D. Marker, D. Martin, P. Shor, T. Slaman, O. Spinas, S. Starchenko, M. Zeman, and B. Zil'ber. These lectures will be grouped into the following topics: proof theory and logical foundations of computer science, set theory, model theory, computability and complexity, history of logic in the 20th century, and philosophy and logic applied to cognitive science, and there will be a symposium on the foundations of mathematics around 1900.

  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, Y. Legrandgérard, J. Mosconi, M.-H. Mourgues, C. Muhlrad-Greif, L. Pacholski, J.-P. Ressayre, B. Veličković, and F. Ville.

  To obtain announcements of the meeting, send a message to `lc2000-robot@logique.jussieu.fr` with *get-announcement* in the subject line. Further information is available from LC2000, UFR de Mathématiques, case 7012, Université Paris 7 - Denis Diderot, 2 place Jussieu, 75251 Paris Cédex 05, France; WWW: `http://lc2000.logique.jussieu.fr`.

- 2000-01 ASL WINTER MEETING WITH APA. *December 27–30, 2000, New York, New York.* This will be a two-day meeting in conjunction with the annual meeting of the Eastern Division of the American Philosophical Association. Co-chairs of the ASL program committee are K. Fine and P. Benacerraf. Abstracts of contributed talks from ASL members should be received before the deadline of September 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.

- 2000-01 ASL Winter Meeting with AMS. *January 12–13, 2001, New Orleans, Louisiana.* Subject to approval by the American Mathematical Society, this meeting will take place in conjunction with the annual joint mathematics meetings, which will be held January 10–13, 2001. The Program Committee consists of J. Cummings, M. Groszek, and D. Marker, Chair. Abstracts of contributed talks from ASL members should be received before the deadline of September 29, 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 AMS web page for this meeting is at `http://www.ams.org/amsmtngs/2025_intro.html`.
- 2001 ASL Annual Meeting. *March 10–13, 2001, Philadelphia, Pennsylvania.* The Program Committee consists of J. D. Hamkins, D. Haskell, P. Kremer, A. Scedrov, Chair, and R. Shore. The local organizers are A. Scedrov, V. Tannen, and S. Weinstein. Abstracts of contributed talks from ASL members should be received before the deadline of December 1, 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.
- 2001 ASL European Summer Meeting (Logic Colloquium '01). *August 6–11, 2001, Vienna, Austria.* The Program Committee includes M. Arslanov, M. Baaz, W. Buchholz, L. van den Dries, S. Friedman, D. Isaacson, C. Jockusch, J. Krajíček, Chair, L. Newelski, J. Paris, J.-P. Ressayre, B. Veličković, and A. Visser. The Local Organizing Committee includes M. Baaz, Chair, C. Fermüller, S. Friedman, G. Gottlob, P. Hájek, A. Leitsch, G. Moser, N. Preining, and H. Vieth.
- 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 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.

- FIFTEENTH ANNUAL IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS'2000). *June 26–29, 2000, Santa Barbara, California.* For further information, see the meeting web site: `http://logik.mathematik.uni-freiburg.de/lics`. (ASL sponsored meeting.)
- 2000 ANNUAL CONFERENCE OF THE AUSTRALASIAN ASSOCIATION FOR LOGIC. *June 29–July 2, 2000, Maroochydore, Queensland, Australia.* This meeting will take place at the University of the Sunshine Coast, Maroochydore DC, Queensland 4558 Australia. The convenor of the meeting is Professor Lesley Roberts of the Philosophy Department of that University. (ASL sponsored meeting.)
- 7TH WORKSHOP ON LOGIC, LANGUAGE, INFORMATION AND COMPUTATION 2000 (WoLLIC'2000). *August 15–18, 2000, Natal, Brazil.* For further information contact R. de Queiroz: telephone: +55 81 271-8430; Fax: +55 81 271-8438; email: `ruy@di.ufpe.br`; WWW: `http://www.di.ufpe.br/~wollic/wollic2000`. (ASL sponsored meeting.)
- INTERNATIONAL CONFERENCE ON THEORETICAL COMPUTER SCIENCE (IFIP TCS 2000). *August 17–19, 2000, Sendai, Japan.* For further information, send email to: `TCS2000@ito.ecei.tohoku.ac.jp`; WWW: `http://tcs2000.ito.ecei.tohoku.ac.jp/tcs2000`. (ASL sponsored meeting.)
- HISTORY OF LOGIC. *June 11–13, 2000, Helsinki, Finland.* This meeting is organized by the Department of Mathematics and the Department of Philosophy of the University of Helsinki. Information may be obtained from Juliette Kennedy by email at `juliette.kennedy@helsinki.fi` or at the web site `http://www.logic.math.helsinki.fi/histlogic.html`.
- FIRST INTERNATIONAL CONGRESS ON TOOLS FOR TEACHING LOGIC. *June 14–17, 2000, Salamanca, Spain.* For further information, contact: María Manzano, Departamento de Lógica y Filosofía de la Ciencia, Campus Unamuno, Edificio FES, Universidad de Salamanca, 37007 Salamanca, Spain; telephone: +34 (9)23 294 640 ext. 3416; Fax: +34 923 294725; email: `mara@gugu.usal.es`; WWW: `http://cts.usal.es/~mara/` or `http://aracne.usal.es/congreso/congress.html`.
- WORKSHOP ON LOGICAL FRAMEWORKS AND META-LANGUAGES (LFM'00). *June 25, 2000, University of California, Santa Barbara.* This workshop is affiliated with LICS 2000. WWW: `http://www-sop.inria.fr/certilab/LFM00`.
- INTERNATIONAL CONFERENCE ON PARALLEL AND DISTRIBUTED TECHNIQUES AND APPLICATIONS (PDPTA 2000): SPECIAL SESSIONS ON FORMAL VERIFICATION. *June 26–29, 2000, Las Vegas, Nevada.* Two special sessions on Formal Verification technology are being organized by G. M. Reed (Oxford), email: `gmr@comlab.ox.ac.uk`, and S. K. Shukla (Santa Clara), email: `sandeep.k.shukla@intel.com`.
- LOGICA 2000: 14TH ANNUAL SYMPOSIUM. *June 27–30, 2000, Liblice Chateau (Central Bohemia).* Further information: Petr Kolar and Vladimir Svoboda, Institute of Philosophy, ASCR, Jilska 1, 110 00 Praha 1, Czech Republic; or by Fax: +420-2/22220138; email: `logica@mbox.cesnet.cz`; WWW: `http://www.flu.cas.cz/logica/logica2000.htm`.
- 4TH IRISH WORKSHOP ON FORMAL METHODS. *July 5–6, 2000, National University of Ireland, Maynooth.* Further information: Paul Gibson, Department of Computer Science, NUI Maynooth, Co. Kildare, Ireland; email: `pgibson@cs.may.ie`; telephone: +353 1 708 4597; Fax: +353 1 708 3848; WWW: `http://www.cs.may.ie/IWFM00/iwfm00.html`.
- THIRD INTERNATIONAL WORKSHOP ON EXPLICIT SUBSTITUTIONS: THEORY AND APPLICATIONS TO PROGRAMS AND PROOFS (WESTAPP'2000). *July 13, 2000, Norwich, United Kingdom.* This workshop is affiliated with RTA'2000 (`http://www.sys.uea.ac.uk/RTA2000`). WWW: `http://www.lip6.fr/~hardin/westapp/call.html`.

- WORKSHOP ON FORMAL METHODS AND COMPUTER SECURITY (CAV WORKSHOP). *July 20, 2000, Chicago, Illinois.* WWW: `http://www.cs.cmu.edu/~veith/fmcs/`.
- SECOND WORKSHOP ON INFERENCE IN COMPUTATIONAL SEMANTICS (ICoS-2). *July 29–30, 2000, Dagstuhl, Germany.* Further information: Johan Bos and Michael Kohlhase, email: `icos2@ags.uni-sb.de`; WWW: `http://www.ags.uni-sb.de/~kohlhase/event/icos2/`.
- FIFTEENTH ANNUAL CONFERENCE ON COMPUTING AND PHILOSOPHY (CAP). *August 10–12, 2000, Carnegie Mellon University, Pittsburgh, Pennsylvania.* Further information: Robert Cavalier, Center for the Advancement of Applied Ethics, Carnegie Mellon University, Pittsburgh, Pennsylvania 15213; email: `rc2z@andrew.cmu.edu`; WWW: `http://caae.phil.cmu/CAAE/CAP/CAPpage.html`.
- INTERNATIONAL SUMMER SCHOOL ON COMPUTATIONAL LOGIC (ISCL 2000). *September 3–8, 2000, Maratea, Italy.* Further information: Sandro Etalle (Maastricht), email: `etalle@cs.unimaas.nl`; and Maurizio Gabbrielli (Udine), email: `gabbri@dimi.uniud.it`; WWW: `http://www.cs.unimaas.nl/~etalle/school2000/index.html`.
- INTERNATIONAL SUMMER SCHOOL ON APPLIED SEMANTICS (APPSEM 2000). *September 9–15, 2000, Caminha, Portugal.* WWW: `http://www-sop.inria.fr/oasis/Caminha00/index.html`.
- 15TH IEEE INTERNATIONAL CONFERENCE: AUTOMATED SOFTWARE ENGINEERING (ASE'00). *September 11–15, 2000, Grenoble, France.* WWW: `http://sigart.acm.org/Conferences/ase`.
- INTERNATIONAL CONFERENCE ON THE MODEL THEORY OF GROUPS AND TITS BUILDINGS. *September 14–17, 2000, University of Würzburg, Germany.* Invited speakers include T. Altinel, J. Baldwin, A. Baudisch, S. Buechler, F. Delon, D. Macpherson, F. Point, B. Poizat, R. Weiss, H. Van Maldeghem, and M. Ziegler. For further information, contact Katrin Tent at `tent@mathematik.uni-wuerzburg.de`.
- INTERNATIONAL WORKSHOP: PHILOSOPHY OF MATHEMATICS: 100 YEARS OF HILBERT'S "PROBLEM SPEECH". *September 28–29, 2000, University of Bielefeld, Germany.* Further information: Bernd Buldt, Fachbereich Philosophie, Universität Konstanz, D-78457 Konstanz, Germany; email: `bernd.buldt@uni-konstanz.de`; WWW: `http://www.uni-konstanz.de/FuF/Philo/Philosophie/Spohn/pom/`.
- 7TH EUROPEAN WORKSHOP ON LOGICS IN AI (JELIA 2000). *September 29–October 2, 2000, Malaga, Spain.* Further information: Manuel Ojeda Aciego, Dept. Matematica Aplicada, Universidad de Malaga, Aptdo. Correos 4114, 29080 Malaga, Spain; telephone: +34 95 213 2871; Fax: +34 95 213 2766; WWW: `http://www.ctima.uma.es/aciego`.
- CONSTRUCTIVISM IN NON-CLASSICAL LOGICS AND COMPUTER SCIENCE. *September 30–October 2, 2000, Mantova, Italy.* Further information: Professor Silvio Ghilardi, Dipartimento di Scienze dell'Informazione, Université degli Studi di Milano, Via Comelico 39, 20135 Milano, Italy; telephone: +39-02-55006 217; Fax: +39-02-55006 373; email: `ghilardi@dsi.unimi.it`; WWW: `http://homes.dsi.unimi.it/~ferram/comm.html`.
- THIRD INTERNATIONAL CONFERENCE ON FORMAL METHODS IN COMPUTER-AIDED DESIGN (FMCAD'00). *November 1–3, 2000, Austin, Texas.* Further information: W. Hunt, Jr. (`whunt@austin.ibm.com`) or S. D. Johnson (`sjohnson@cs.indiana.edu`);WWW: `http://www.cs.indiana.edu/~sjohnson/FMCAD/cfp.html`.
- FIRST INTERNATIONAL CONGRESS ON INTELLIGENT SYSTEMS AND APPLICATIONS (ISA'2000). *December 12–15, 2000, University of Wollongong (near Sydney), Australia.* WWW: `http://www.icsc.ab.ca/isa2000.htm`.

- 8TH INTERNATIONAL CONFERENCE ON DATABASE THEORY (ICDT 2001). *January 3–5, 2001, London, UK.* WWW: http://www.dcs.bbk.ac.uk/icdt2001.

- INTERNATIONAL MASTERS PROGRAM IN COMPUTATIONAL LOGIC AT DRESDEN UNIVERSITY OF TECHNOLOGY. Dresden University of Technology is offering a two-year study program, in English, leading to a master of science in computational logic (together with a German "Diplom in Informatik"). The program is sponsored by COMPULOG Net and other German institutions. The deadline for applications is July 15, 2000, but applications are processed as they come. To apply, send an email message with your curriculum vitae to cl@pikas.inf.tu-dresden.de. Further information may be obtained from: Maja von Wedelstedt, secretary, Artificial Intelligence Institute, Department of Computer Science, Dresden University of Technology, D-01062 Dresden, Germany; telephone: 49 351 463-8341; Fax: 49 351 463-8342; email: maja@pikas.inf.tu-dresden.de; WWW: http://pikas.inf.tu-dresden.de/compulog/.

- RESEARCH SCHOLARSHIPS IN COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE AT THE UNIVERSITY OF BIRMINGHAM SCHOOL OF COMPUTER SCIENCE. The application form is available from: http://www.cs.bham.ac.uk/studentinfo/form_mailer.html. Informal inquiries should be directed to Marta Kwiatkowska by email to M.Z.Kwiatkowska@cs.bham.ac.uk, by telephone to +44 121 414 7264, or by Fax to +44 121 414 4281. For an overview of past research activities of the group, including funded research projects and publications, see http://www.cs.bham.ac.uk/research/research.html. WWW: http://www.cs.bham.ac.uk/studentinfo/form_mailer.html.

- SPECIAL ISSUE OF THE JOURNAL OF APPLIED NON-CLASSICAL LOGICS. Volume 9, Number 2–3 of the *Journal of Applied Non-Classical Logics* (*JANCL*) contains a Special Issue dedicated to the Memory of George Gargov (guest editor: Dimiter Vakarelov). The issue contains a collection of papers by leading logicians. WWW: http://www.editions-hermes.fr.

- CALL FOR PAPERS: SPECIAL ISSUE OF THE JOURNAL OF FUNCTIONAL PROGRAMMING: LOGICAL FRAMEWORKS AND META-LANGUAGES. Guest editors: J. Despeyroux (email: Joelle.Despeyroux@inria.fr) and R. Harper (email: Robert.Harper@cs.cmu.edu). Submission deadline: October 23, 2000. WWW: http://www-sop.inria.fr/certilab/LFM00/cfp-jfp.html.

- MODEL CHECKING. Authors: Edmund M. Clarke, Orna Grumberg, and Doron A. Peled. (MIT Press, December 1999, ISBN 1262032708) WWW: http://mitpress.mit.edu/book-home.tcl?isbn=0262032708.

- LOGIC IN COMPUTER SCIENCE: MODELLING AND REASONING ABOUT SYSTEMS. Authors: Michael Huth and Mark Ryan (Cambridge University Press, 2000, 387 pages; Hardback: ISBN 0521652006, UK pounds 52.50 / US $80; Paperback: ISBN 0521656028, UK pounds 19.95 / US $34.95) This book is intended as an undergraduate textbook in logic applications in computer science. Web support is available from http://www.cs.bham.ac.uk/research/lics. WWW: http://www.cs.bham.ac.uk/research/lics/.

- INTRODUCTION TO PROCESS ALGEBRA. Author: Wan Fokkink. (Texts in Theoretical Computer Science, an EATCS Series, Springer-Verlag, 2000, ISBN 3-540-66579-X, DM 59) Course material is available for use with the book at http://www.cwi.nl/~wan. WWW: http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-66579-X.

- CONSTRAINT DATABASES. Editors: Gabriel Kuper, Leonid Libkin, and Jan Paredaens. (Springer-Verlag, 2000, ISBN 3-540-66151-4) WWW: http://www.cs.bell-labs.com/~libkin/cdb-book.