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NOTICES

- THE 2003 ASL ELECTION. The ASL membership has elected Alexander Kechris (Caltech) as President, Samuel R. Buss (UC San Diego) as Vice President, Albert Visser (Utrecht) and Alex J. Wilkie (Oxford) to the Executive Committee, and Sergey S. Goncharov (Novosibirsk) and Gerhard Jäger (Bern) to the Council. Their terms of office are for three years beginning January 1, 2004. The Nominating Committee consisted of Martin Grohe, David Marker, Donald A. Martin (Chair), Yiannis Moschovakis, Charles Parsons, Wolfram Pohlers, Theodore Slaman, and Scott Weinstein.

- 2004 SACKS PRIZE. The ASL invites nominations for the 2004 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2004.

  The Sacks Prize was established to honor Professor Gerald Sacks of MIT and Harvard for his unique contribution to mathematical logic, particularly as adviser to a large number of excellent Ph.D. students. The Prize was first awarded in 1994 and 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. For general information about the Prize, visit `http://www.aslonline.org/info-prizes.html`.

  Last year the Association made several changes to the application procedure, and some additional changes under consideration may be made in the coming months. Anyone who wishes to make a nomination for the 2004 Sacks Prize should consult the webpage `http://www.aslonline.org/Sacks_nominations.html` for the precise details of the application process. A brief summary of the procedure currently in place is provided below.

  Students who defend their dissertations (equivalent to the American doctoral dissertation) between October 1, 2003, and September 30, 2004, 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 adviser, 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 adviser, 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, Rod Downey; TeX or PostScript files sent as attachments by email to `Rod.downey@vuw.ac.nz` are preferred. The form of such letters and other pertinent details can be found at the web site above, and need to be read prior to submitting a nomination. Correspondence should be addressed to Rod Downey, School of Mathematical and Computing Sciences, Victoria University, PO Box 600, Wellington, New Zealand.

  Those wishing to contribute to the Sacks Prize Fund may send contributions to the ASL office (ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604). All such contributions are tax-deductible within the USA.

- REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES. The ASL recently approved a program to offer reduced dues for individual and institutional members in developing economies. For 2004, the reduced dues are $18 for individuals and $130 for institutional members. These dues apply to individuals and institutions residing in countries whose economies are classified as 'lower middle income' or below on the World Bank's annual list. For further information, visit `http://www.aslonline.org/membership_outreach.html` or contact the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Tel: 1-845-437-7080; Fax: 1-845-437-7830; email: `asl@vassar.edu`.

- Access to Current JSL and BSL for ASL Members via Project Euclid. Access to the full-text of current issues of *The Bulletin of Symbolic Logic* and *The Journal of Symbolic Logic* has now been made available to all ASL members electronically via Project Euclid. Individual members who wish to gain access should follow these instructions: (1) go to `http://projecteuclid.org`; (2) in the 'for subscribers' tab, click on 'Log in for Existing Subscribers'; (3) click on "create a profile here" in the center of the login page; (4) fill in at least the required fields (those in red) in the top half of the form, setting Euclid ID and Password to anything you wish, but remember these for future logins; (5) go to the bottom half of the form ("Personal Subscription Registration"); (6) select the *Association for Symbolic Logic Journals* and in the subscriber code box enter your individual membership ID number (you will find this number on your journal mailing label, near the barcode); (7) at the bottom of the form, click the 'Create Profile' button, at which point users should then see a confirmation screen and should have access to full-content of the BSL and JSL. If you need help obtaining your membership ID number, contact Paul Arroyo of the University of Illinois Press at `parroyo@uillinois.edu`. If you have any trouble using the Personal Subscription Registration form, please contact `Euclid-L@cornell.edu`.

- Perspectives in Mathematical Logic Volumes Available. This series is now being published by the Association for Symbolic Logic, under the new name *Perspectives in Logic*. Owing to the generosity of Springer-Verlag, the former publisher of the series, the ASL has made the existing stock of certain books in the series available to the logic community at low prices, as has been done with the *Lecture Notes in Logic*. (Some books in the series will continue to be made available by Springer-Verlag and others will be reprinted by ASL.) An order form for the volumes sold by the ASL can be found online at `http://www.aslonline.org/files/Perspectivesorderform.pdf`. This form also can be obtained by writing to the ASL Business Office.

- Student Travel Awards: ASL or ASL-Sponsored Meetings. The ASL will make available modest travel awards to graduate students in logic so that they may attend ASL or ASL-sponsored meetings (other than the 2005 Annual Meeting or European Summer Meeting; details about the travel grant program for these meetings will be provided in a subsequent Notices). To be considered for a Travel Award, 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 (preferably 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, *and, in the case of an ASL student member application to attend an ASL or ASL-sponsored meeting other than the Annual Meeting or European Summer Meeting*, a paragraph indicating why it is important to attend the meeting; (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. Women and members of minority groups are strongly encouraged to apply. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

  For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the Annual Meeting or European Summer Meeting), applications and recommendations should be received at least three months prior to the meeting at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Fax: 1-845-437-7830; email: `asl@vassar.edu`. Decisions will be communicated at least two months prior to the meeting.

- 2004 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '04). *July 25–31, 2004, Torino, Italy.* Invited speakers include: J. T. Baldwin, T. Bartoszyński, A. Berarducci, A. Marcone, G. Mints, M. Moellerfeld, F. Stephan, G. Sundholm, G. Tamburrini, M. Valeriote, and H. Woodin. Tutorials will be offered by A. Kechris and S. Solecki (*Descriptive set theory, analysis and dynamical systems*), T. Scanlon (*Geometric stability theory*), R. Solomon (*Computable Algebra*), and R. Willard (*The past and the future of universal algebra*). Special sessions in model theory, proof theory, and universal algebra, and a panel discussion on philosophical and historical issues also will be held. The members of the Program Committee are: T. Arai, D. DeJongh, W. Goldfarb, G. Hjorth, S. Lempp, G. Lolli, D. Marker, D. Martin, R. McKenzie, W. Pohlers (Chair), W. Sieg, A. Sorbi, and A. Wilkie. The Local Organizing Committee includes: A. Andretta (Chair), S. Berardi, R. Camerlo, U. De Liguoro, M. Dezani, A. Marcone, N. Olivetti, and D. Zambella. For further information visit `http://lc2004.unito.it`.
- 2004-05 ASL WINTER MEETING (WITH JOINT MATHEMATICS MEETINGS). *January 7–8, 2005, Atlanta, Georgia.* This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 5–8, 2005. The members of the Program Committee are R. Jin, A. Kanamori (Chair), and A. Shlapentokh. Abstracts of contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the Rules for Abstracts (see below). Abstracts must be received by the deadline of September 17, 2004, at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Fax: 1-845-437-7830; email: `asl@vassar.edu`.
- 2005 ASL ANNUAL MEETING. *March 19–22, 2005, Stanford, California.* The members of the Program Committee are: J. Mitchell, M. Rathjen, S. Shapiro, R. Solomon, P. Speissegger, and J. Steel (Chair). The members of the Local Organizing Committee include: A. Arana, S. Feferman, G. Mints, J. Mitchell, and R. Sommer.
- RULES FOR ABSTRACTS. The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at the website `http://www.aslonline.org/rules_abstracts.html`. Please note that abstracts *must* follow the rules as set forth there; those which do not conform to the requirements will be returned immediately to the authors submitting them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.
- NINETEENTH ANNUAL IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS 2004). *July 14–17, 2004, Turku, Finland.* The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. LICS 2004 will be held in conjunction with the thirty-first International Colloquium on Automata, Languages, and Programming (ICALP 2004). The LICS Program Chair is H. Ganzinger (email: `hg@mpi-sb.mpg.de`). Workshops are planned for July 12–13 and July 18. For further information about LICS, visit `http://www.lfcs.informatics.ed.ac.uk/lics`; for additional information about ICALP, see `http://www.math.utu.fi/ICALP04/WScall.html`. (ASL Sponsored Meeting.)
- ELEVENTH WORKSHOP ON LOGIC, LANGUAGE, INFORMATION AND COMPUTATION (WoLLIC'2004). *July 19–22, 2004, Fontainebleau, Paris, France.* This is the eleventh in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The invited speakers tentatively include: T. Ehrhard, K. Meer, D. Niwinski, L. Ong, G. Paun, A. Rabinovich, and S. Shieber. The Program Committee includes: Z. Adamowicz, D. Beauquier, F. Cucker, M. Dezani, G. Gottlob, E. Graedel, E. Grandjean, I. Guessarian, G. Huet, M. Hyland, G. Nadathur, G. Rozenberg, A. Slissenko, and I. Walukiewicz. The members of the Organizing Committee are: G. Bellin, A. Carbone, P. Cegielski (Co-Chair),

A. Grisi de Oliveira, and R. de Queiroz (Co-Chair). For further information, visit `http://www.cin.ufpe.br/~wollic/wollic2004/`. (ASL Sponsored Meeting.)

- Sixth International Workshop on Computability and Complexity in Analysis (CCA 2004). *August 16–20, 2004, Lutherstadt Wittenberg, Germany.* The meeting is concerned with the theory of computability and complexity over real-valued data. The Chair of the Program Committee is V. Brattka. For further information, visit `http://cca-net.de/cca2004/`. (ASL Sponsored Meeting.)
- First International Symposium on Applications of Constraint Databases (CDB'04). *June 12–13, 2004, Paris, France.* Held in conjunction with SIGMOD-PODS 2004 (see below), this symposium aims to bring together people who can contribute to the practice and the application of constraint databases. Among the topics of interest are: new and future directions in constraint database research; constraints over domains other than the reals; improving implementation of constraint database systems, in particular of query evaluation; efficient quantifier elimination; and applications. Invited speakers include: J. Heintz, L. Libkin, and A. Podelski. For further information, visit `http://www.luc.ac.be/cdb04`.
- ACM SIGMOD/PODS 2004 Conference. *June 13–18, 2004, Paris, France.* This annual event brings together the ACM SIGMOD International Conference on Management of Data (SIGMOD 2004) and the ACM SIGMOD-SIGACT-SIGART Symposium on Principles of Database Systems (PODS 2004). For more information, visit `http://www.sciences.univ-nantes.fr/irin/SIGMODPODS04/`.
- Eighth Workshop on the Semantics and Pragmatics of Dialogue (Catalogue'04). *June 19–21, 2004, Barcelona, Spain.* This conference aims to bring together researchers working on the semantics and pragmatics of dialogues in fields such as artificial intelligence, formal semantics and pragmatics, computational linguistics, philosophy, and psychology. Invited speakers include R. Cooper, M. Poesio, and M. Tannenhaus. The Chair of the Program Committee is J. Ginzburg. For further information, visit `http://www.upf.edu/dtf/personal/enricvallduvi/catalog04/`.
- Nineteenth IEEE Conference on Computational Complexity (CCC 2004). *June 21–24, 2004, Amherst, Massachussets.* This annual event deals with computational complexity broadly defined. The Chair of the Program Committee is R. Impagliazzo and the Chair of the Conference Committee is L. Fortnow. For further information, visit `http://www.cs.umass.edu/~barring/ccc2004`.
- Third North American Summer School in Logic, Language and Information (NASSLLI-2004). *June 21–25, 2004, Los Angeles, California.* The main focus of NASSLLI, like its sister school, the European Summer School in Logic, Language and Information, is on the interface between linguistics, logic, and computation, and on related fields. The members of the Program Committee include: M. Gehrke, J. F. Horty, M. Johnson, P. Kolaitis, M. Kracht, P. Schlenker, B. Selman, D. Sportiche (Chair), and E. Stabler. For further information on NASSLLI-2004, visit `http://www.linguistics.ucla.edu/nasslli04/index.html`.
- Annual Meeting of the Association for Computational Linguistics. *June 21–26, 2004, Barcelona, Spain.* The Co-Chairs of the Program Committee are W. Daelemans and M. Walker. For further information, visit `http://www.acl2004.org/`.
- International Congress on Nonstandard Models of Arithmetic and Analysis (M.ARI.AN. 2004). *June 25–26, 2004, Pisa, Italy.* This event aims to bring together researchers working on nonstandard models of arithmetics and researchers working in nonstandard analysis. Invited speakers include: V. Benci, P. D'Aquino, A. Enayat, K. Hrbacek, V. Kanovei, R. Kossak, A. Macintyre, and D. Ross. The members of the Scientific

Committee are: M. Di Nasso, M. Forti, K. Hrbacek, and R. Kossak. For further information visit `http://www.dm.unipi.it/~dinasso/marian2004`.

- MATHEMATICAL KNOWLEDGE. *June 30–July 2, 2004, Cambridge, England.* This meeting brings philosophers, mathematicians, and psychologists together to discuss what is distinctive about mathematical knowledge and its mode(s) of acquisition. Invited speakers include: B. Butterworth, S. Carey, M. Colyvan, M. Detlefsen, T. Gowers, A. Kanamori, M. Leng, C. Parsons, A. Paseau, M. Potter, G. Rosen, and C. Wright. For further information, write to `phil-maths@lists.cam.ac.uk` or visit `http://www.joh.cam.ac.uk/fellows/MCL33/mathconf.html`.

- NEGATION IN CONSTRUCTIVE LOGIC. *July 1–4, 2004, Dresden, Germany.* The notion of negation has been studied since antiquity and has been subject to thorough investigations in the development of philosophical logic, linguistics, artificial intelligence and logic programming. This workshop will bring together some of the leading scholars in the field of negation and/or constructive logic. Invited speakers include A. Arnon, J. M. Dunn, V. Goranko, R. Goré, H. Herre, N. Kamide, S. Odintsov, D. Pearce, Y. Shramko, N. Tennant, D. Vakarelov, G. Wagner, H. Wansing, F. Wolter, and M. Zakharyaschev. For further information, visit `http://www.tu-dresden.de/phfiph/dozenten/NegCon/NegMain.htm`.

- INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND ALGEBRAIC COMPUTATION (ISSAC-2004). *July 4–7, 2004, Santander, Spain.* This event is the yearly premier international symposium in symbolic and algebraic computation. It provides an opportunity to learn of new developments and to present original research results in all areas of symbolic mathematical computation. The General Chair of the Symposium is J. Schicho, and the Program Committee Chair is M. Singer. For further information, visit `http://www.risc.uni-linz.ac.at/issac2004`.

- SECOND INTERNATIONAL JOINT CONFERENCE ON AUTOMATED REASONING (IJCAR). *July 4–8, 2004, Cork, Ireland.* This event is the fusion of several major conferences in automated reasoning: the International Conference on Automated Deduction (CADE), the International Conference on Automated Reasoning with Analytic Tableaux and Related Methods (TABLEAUX), the International Workshop on First-Order Theorem Proving (FTP), the Workshop on Frontiers of Combining Systems (FroCoS), and the Symposium on the Integration of Symbolic Computation and Mechanized Reasoning (CALCULEMUS). The Conference Chair is T. Walsh, and the Program Chairs are D. Basin and M. Rusinowitch. For further information, visit `http://4c.ucc.ie/ijcar/`.

- SEVENTH INTERNATIONAL CONFERENCE ON MATHEMATICS OF PROGRAM CONSTRUCTION (MPC2004). *July 12–14, 2004, Stirling, Scotland.* The focus of this event is the development of mathematical principles and techniques that are demonstrably useful in the process of constructing computer programs, enabling programs to be constructed by formal calculation. The invited speakers include C. Fournet and U. Montanari. The Program Chair is D. Kozen. For further information, visit `http://www.cs.cornell.edu/Projects/MPC2004`.

- THIRTY-FIRST INTERNATIONAL COLLOQUIUM ON AUTOMATA, LANGUAGES, AND PROGRAMMING (ICALP 2004). *July 12-16, 2004, Turku, Finland.* This event, co-located with LICS 2004 (see Sponsored Meetings, above), deals with all aspects of theoretical computer science. Among the invited speakers are: R. Harper, A. Razborov, and M. Yannakakis (all three joint with LICS), and P. Flajolet, M. Henzinger, M. Hofmann, and W. Rytter. The Conference Chair is J. Karhumäki. For further information, visit `http://www.math.utu.fi/icalp04/`.

- WORKSHOP ON COMBINATION OF LOGICS: THEORY AND APPLICATIONS (COMBLOG'04). *July 28–30, 2004, Lisbon, Portugal.* Combinations of logics include methods that have various applications in logics for software specification, logics for security, and logics for formal ethics. For further information, visit `http://www.cs.math.ist.utl.pt/comblog04/`.

- Sixteenth European Summer School in Logic, Language and Information (ESSLLI-2004). *August 9–21, 2004, Nancy, France.* The main focus of the European Summer Schools in Logic, Language and Information is on the interface between linguistics, logic and computation. Foundational, introductory and advanced courses together with workshops cover a wide variety of topics within the three areas of interest: Language and Computation, Language and Logic, and Logic and Computation. ESSLLI-2004 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For further information about ESSLLI-2004, visit `http://www.esslli.org/2004`; for further information about FoLLI, see `http://www.folli.org`.
- Eighth Symposium on Logic and Language. *August 26–29, 2004, Debrecen, Hungary.* This series provides a forum where logicians and linguists meet to share and discuss current issues concerning how theories of linguistics and logic influence each other. The members of the Organizing Committee are: L. Hunyadi (Chair–linguistics), T. Mihalydeak (Chair–logic), G. Rakosi, and E. Toth. For further information, send email to `lola8@lola8.unideb.hu` or visit `http://www.nytud.hu/program/lola8.htm`.
- British Logic Colloquium Annual Conference. *September 6–8, 2004, Leeds, England.* For further information, contact D. Macpherson (`h.d.macpherson@leeds.ac.uk`).
- Advances in Modal Logic (AiML-2004). *September 9–11, 2004, Manchester, UK.* This conference, the fifth in a series, is an initiative aimed at presenting an up-to-date picture of the state of the art in modal logic and its many applications. The invited speakers include: P. Balbiani, K. Devlin, V. Goranko, W. van der Hoek, M. Marx, and R. Stalnaker. The Co-chairs of the Program Committee are M. Reynolds and H. Wansing. For further information, visit `http://www.cs.man.ac.uk/aiml04/`.
- Conference on Logic, Computability, and Randomness. *September 20–24, 2004, Córdoba, Argentina.* This event will be run together with the Logic Workshop of the Thirty-third Argentinean Conference on Computer Science and Operational Research. Invited speakers include: L. Fortnow, J. Heintz, A. Kucera, J.S. Miller, A. Nies, J. Reimann, T. Slaman, D. Vaggione, and P. Vitanyi . The members of the Organizing Committee are V. Becher, R. Downey, and D. Hirschfeldt . The deadline of abstracts for contributed talks is July 1, 2004. For further information, visit `http://www.dc.uba.ar/people/profesores/becher/logic2004.html`.
- Seventh International Conference on Artificial Intelligence and Symbolic Computation (AISC 2004). *September 22–24, 2004, Castle of Hagenberg, Austria.* Artificial intelligence and symbolic computation are two views and approaches for automating problem solving, in particular mathematical problem solving. The two approaches are based on heuristics and on mathematical algorithmics, respectively, and can be applied to each other. Several possible topics to be discussed are of interest to logicians. Invited speakers include: A. Bundy, M. Rosenkranz, H. Schwichtenberg, and Z. Stachniak. The General Chair is B. Buchberger and the Program Committee Chair is J. Campbell. For further information, visit `http://www.risc.uni-linz.ac.at/conferences/aisc2004/`.
- European Commission Ph.D. studentships and short-term visits available. Funding is available both for 3-year Ph.D. studentships, and for short-term visits of at least 3 months by Ph.D. students, with the Logic groups of the universities of Leeds and Manchester (UK), Lyon 1 and Lyon Ecole Normale Superieure (France), and Ludwig Maximilians Universität Munich (Germany).

  Funding is by a European Commission Framework 6 Marie Curie Early Stage Training grant in Mathematical Logic and applications (subject to contract). Eligibility is subject to Marie Curie rules; for example, an applicant cannot usually be hosted by an institution in their home country. For more information, visit `http://www.maths.man.ac.uk/logic/mathlogaps` or contact Dugald Macpherson (`h.d.macpherson@leeds.ac.uk`).