Association for Symbolic Logic

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ASL NEWSLETTER NOVEMBER 2002

- **The 2002 ASL Election.** Enclosed with this Newsletter is the ballot for the 2002 election for two members of the Executive Committee of the Council and two members of the Council. All terms are for three years beginning January 1, 2003. There were no nominations by petition and thus there are no contested seats. The Nominating Committee consisted of John Burgess, Jan Krajíček, Manuel Lerman (Chair), H. Dugald Macpherson, Gila Sher, and John Steel. To be counted, ballots must be returned to the ASL office in Poughkeepsie **by December 31, 2002**. All ASL members are urged to vote.
- **JSTOR Access for ASL Members.** Access to the full-text of *The Bulletin of Symbolic Logic* for the years 1995–2002 recently has been made available to all ASL members via JSTOR. Access to *The Journal of Symbolic Logic* for the years 1936–1997 continues to be available. If you already have obtained a JSTOR account for the *Journal*, you now have access to the *Bulletin* via the same account. To obtain your temporary username and password for accessing the *Bulletin* and the *Journal*, or if you have misplaced your account information, contact Paul Arroyo of the University of Illinois Press at `parroyo@uillinois.edu`. To register your account, go to `http://www.jstor.org/logon` and enter your temporary username and password. If you need help registering, download the Individual Access Logon handout at `http://www.jstor.org/about/indiv_support/` or contact JSTOR at `jstor-info@umich.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 recently 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.
- **Book Discounts for ASL Members.** Several publishers now offer discounts on books to ASL members. A detailed description of these discounts appears on the ASL website at `http://www.aslonline.org/books-discounts.html`. Those who do not have access to the website may write to the ASL Business Office for the discount information.

ASL MEETINGS

- **Student Travel Awards: The 2003 ASL Annual Meeting, 2003 ASL European Summer Meeting, and other ASL or ASL-Sponsored Meetings.** The ASL will make available modest travel awards to graduate students in logic and (for the European Summer Meeting only) to recent Ph.D.'s so that they may attend the 2003 ASL Annual Meeting in Chicago, Illinois, or the 2003 ASL European Summer Meeting in Helsinki, Finland; see below for information about these meetings. Student members of the ASL also may apply for travel grants to other ASL or ASL-sponsored meetings. 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. In addition to funds provided by the ASL, the program of travel grants to the ASL Annual Meeting and the European Summer Meeting 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 using NSF funds must be on a US flag carrier. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

For the 2003 ASL Annual Meeting, applications and recommendations should be received before the deadline of March 17, 2003, by the Program Chair: Andreas Blass, Department of Mathematics, University of Michigan, Ann Arbor, MI 48109-1109, USA; email: `ablass@umich.edu`.

For the 2003 ASL European Summer Meeting, applications and recommendations should be received before the deadline of April 1, 2003, by the Organizing Committee: LC2003, Department of Mathematics, University of Helsinki, P.O. Box 4 (Yliopistonkatu 5), FIN-00014 Helsinki, Finland; email: `lc2003@helsinki.fi`.

For ASL student member travel grants to other ASL or ASL-sponsored meetings, 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.

- **2002-03 ASL Winter Meeting (with APA).** *December 27–30, 2002, Philadelphia, Pennsylvania.* The members of the Program Committee are J. Burgess, B. Ewald, and S. Weinstein (Chair). The program includes two symposia. The first, on Kant's Philosophy of Mathematics, will be chaired by J. Burgess and includes the speakers M. Friedman, A. Jauernig, and L. Shabel. The symposium on Perspectives on Logic and the Foundations of Mathematics, chaired by W. Ewald, includes the speakers D. A. Martin, Y. Moschovakis, and D. Scott. The complete program for this meeting is enclosed in this Newsletter mailing. For further information, visit the APA website, `http://apa.udel.edu/apa`.
- **2002-03 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 17–18, 2003, Baltimore, Maryland.* This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 15–18, 2003. The members of the Program Committee are H. Becker (Chair), M.C. Laskowski, and R. Solomon. Invited speakers include: A. Apter, K. Ciesielski, L. van den Dries, J. Hirst, B. Kjos-Hanssen, D. Marker, T. McNicholl, R. Moosa, and A. Roslanowski. The program for this meeting is enclosed in this Newsletter mailing. There also will be an AMS-ASL Joint Special Session on Interactions Between Logic, Group Theory and Computer Science, organized by A. V. Borovik and A. Myasnikov, and an MAA-ASL Joint Special Session on The Role of Logic in Learning to Write Proofs, organized by J. Hirst and D. Velleman. Two AMS Special Sessions also are of interest to logicians as well: Computability and Models, organized by D. Cenzer and V. S. Harizanov, and Nonstandard Models of Arithmetic and Set Theory, organized by A. Enayat and R. Kossak.The web site for the Joint Mathematics Meetings, which includes registration and housing information, is at `http://www.ams.org/amsmtgs/2074_intro.html`.
- **2003 ASL Annual Meeting.** *June 1–4, 2003, University of Illinois at Chicago, Chicago, Illinois.* The members of the Program Committee include: J. Baldwin, A. Blass (Chair), T. Carlson, B. Hart, D. Hirschfeldt, D. MacQueen, and J. D. Monk. The members of the Local Organizing Committee are: W. Blok, B. Hart (Chair), B. Howard, and D. Marker. 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 February 17, 2003, 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`.
- **2003 ASL European Summer Meeting (Logic Colloquium '03).** *August 14–20, 2003, Helsinki, Finland.* Invited speakers include: A. Baltag, H. S. Becker, Z. Chatzidakis, M. Foreman, J.Y. Girard, M. Grohe, P. T. Johnstone, S. Knuuttila, M. Kojman, M. C. Laskowski, P. Martin-Löf, L. Maksimova, D. Normann, G. Priest, P. Pudlák, M. Rathjen, and R. A. Shore. Tutorials will be offered by M. Benedikt and S. Todorčević. Special

sessions in model theory, proof theory and non-classical logic, recursion theory and arithmetic, and set theory also are planned. The members of the Program Committee include: P. Aczel, Z. Adamowicz, J. Baldwin, E. Bouscaren, M. Detlefsen, M. Gitik, L. Hella, T. Jech, R. Parikh, H. Schwichtenberg, T. Slaman, V. Stoltenberg-Hansen (Chair), and J. Väänänen. The Local Organizing Committee members are: A. Halko, A. Hellsten, T. Huuskonen, J. Kennedy, J. Kontinen, K. Luosto, J. Oikkonen, M. Pauna, J. Ruokolainen, M. Saria, J. Väänänen (Chair), and P. Vaisanen. 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—hard copy or email—should be received before the deadline of May 1, 2003 at the official meeting address: LC2003, Department of Mathematics, University of Helsinki, P.O. Box 4 (Yliopistonkatu 5), FIN-00014 Helsinki, Finland; email: `lc2003@helsinki.fi`. For further information, visit `http://www.helsinki.fi/lc2003/`.

- **2004 ASL Annual Meeting.** *May 19–23, 2004, Carnegie Mellon University, Pittsburgh, Pennsylvania.* The Local Organizing Committee members include J. Avigad (Chair), S. Awodey, L. Blum, J. Cummings, E. Schimmerling, and W. Sieg. The 2004 Mathematical Foundations of Programming Semantics (MFPS) Meeting, to begin on May 23, 2004, will co-locate with the ASL Annual Meeting. For more information about MFPS, visit `http://www.math.tulane.edu/MFPS.html`.

- **Rules for Abstracts.** The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at `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.

ASL SPONSORED MEETINGS

- **Eighteenth Annual IEEE Symposium on Logic in Computer Science (LICS 2003).** *June 22–25, 2003, Ottawa, Canada.* The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. Invited speakers include E. Grädel, J. Harrison, M. Kwiatkowska, and J. McCarthy. Invited tutorials will be offered by M. Abadi and B. Pierce. The Program Chair is P. Kolaitis (email: `kolaitis@cs.ucsc.edu`). Workshops are planned for June 21st and June 26–27. The deadline for submission of titles and short abstracts is December 30, 2002; for extended abstracts the deadline is January 6, 2003. For further information, visit `http://www.lfcs.informatics.ed.ac.uk/lics`.

- **Tenth Workshop on Logic, Language, Information and Computation (WoLLIC'2003).** *July 29–August 1, 2003, Ouro Preto, Minas Gerais, Brazil.* This is the tenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The invited speakers tentatively include: E. Allender, D. Miller, H. Rott, H. Schwichtenberg, and S. Weinstein. The Program Committee includes: A. Arratia, A. Carbone, M. Coniglio, G. Dowek, A. Fleury, D. Kozen, M. Marx, L. C. Pereira, A. C. da Rocha Costa, D. Spreen, J. Väänänen, and R. Wassermann. The Co-Chairs of the Organizing Committee are E. Pimentel and R. de Queiroz. The deadline for submission of papers is March 1, 2003. Graduate students and recent Ph.D.'s in logic may apply for modest grants to attend the workshop; the deadline for applications is March 1, 2003. For further information, visit `http://www.cin.ufpe.br/~wollic/wollic2003/`.

- **International Conference on Computability and Complexity in Analysis (CCA 2003).** *August 28–30, 2003, Cincinnati, Ohio.* The conference is concerned with the theory of computability and complexity over real-valued data. Invited speakers include: D. Bridges, R. Downey, P. Hertling, I. Kalantari, V. Kreinovich, B. Kushner, J. Lutz, J. Tucker, and K. Weihrauch. The Chair of the Scientific Program Committee is K. Weihrauch, and the Chair of the Local Organizing Committee is N. Zhong. The deadline for submission of papers is June 2, 2003. Limited funds are available to conference participants, in particular to young researchers and Ph.D. students. For further information, visit `http://www.informatik.fernuni-hagen.de/import/cca/cca2003/`.

OTHER ANNOUNCEMENTS (Also see http://www.aslonline.org.)

- **Full or Assistant Professorship, University of Lausanne.** The Faculty of Sciences at the University of Lausanne invites applications for the position of full professor or (tenure track) assistant professor of logic at the Institute of Computer Science. The field may be any area of logic, with preference given to applicants whose experience and publications are mainly related to non-classical logic. Teaching experience is essential; teaching responsibilities include courses for students in the humanities and the natural sciences. The successful candidate's work will involve close collaboration with the Universities of Neuchâtel and of Geneva; in particular, the appointee will carry out her/his research at the Semiologic Research Centre of the University of Neuchâtel. The preferred starting date is September 1, 2003.

  Applications, including a curriculum vitae, a list of publications (mentioning the five most important ones), short descriptions of teaching and research experience and of research plans, and the names and addresses of three references should be sent before December 15, 2002 to: Dean of the Faculty of Sciences, Collège Propédeutique, University of Lausanne, 1015 Lausanne, Switzerland.

  For further information, contact Prof. F. Girze, Director of the Institute of Computer Science (Francois.Grize@iis.unil.ch), or visit http://www.unil.ch/sc/ or http://www-iis.unil.ch/.

- **MAA Special Interest Group in the Philosophy of Mathematics.** The Mathematical Association of America has just approved a new Special Interest Group (SIGMAA) in the Philosophy of Mathematics. The Chair is B. Gold (bgold@mondec.monmouth.edu). The purposes of the SIGMAA for the Philosophy of Mathematics are: to stimulate an interest in the philosophy of mathematics in the wider mathematical community, including undergraduate and graduate students, high school, college and university faculty, and mathematicians in industry; to inform this wider community of concepts, issues, and recent developments in the philosophy of mathematics; and, to encourage research, and the communication of ideas and results, in the philosophy of mathematics by people with a substantial understanding of both mathematics and philosophy.

  The first meeting of this MAA Special Interest Group will take place on Friday, January 17, 2003 at 6:00 p.m. at the Joint Mathematics Meetings in Baltimore, Maryland; see the JMM program at http://www.ams.org/amsmtgs/2074_programindex.html.

- **Request for Proposals: 2004 NSF-CBMS Regional Research Conferences.** To stimulate interest and activity in mathematical research, the National Science Foundation intends to support up to seven NSF-CBMS Regional Research Conferences in 2004. Proposals must be submitted electronically via Fastlane to the Division of Mathematical Sciences - Infrastructure Program at NSF. The target date for submission of proposals is April 8, 2003. For further information and the announcement of the 2003 NSF-CBMS Regional Research Conferences, visit http://www.cbmsweb.org/NSF.

CALENDAR OF OTHER MEETINGS (Also see http://www.aslonline.org.)

- **Second International Conference on Hybrid Intelligent Systems (HIS'02).** *December 1–4, 2002, Universidad de Chile, Santiago, Chile.* This meeting brings together researchers, developers, practitioners, and users of soft computing, computational intelligence, agents, logic programming, and several other intelligent computing techniques. For further information, visit http://his02.hybridsystem.com.

- **Thirtieth Annual Symposium on Principles of Programming Languages (POPL'03).** *January 15–17, 2003, New Orleans, Louisiana.* POPL is a forum for the discussion of fundamental principles and important innovations in the design, definition, analysis, and implementation of programming languages, programming systems, and programming abstractions. There will be three affiliated workshops: Types in Language Design and Implementation (TLDI), Foundations of Object-Oriented Languages (FOOL), and Practical Aspects of Declarative Languages (PADL). The Chair of the Program Committee is G. Morrisett. For further information, visit http://www.cs.berkeley.edu/~aiken/popl03.

- **Very Informal Gathering in Honor of Yiannis N. Moschovakis's 65th Birthday.** *January 24–26, 2003, UCLA, Los Angeles, California.* The organizers of this meeting are G. Hjorth, A.S. Kechris, D.A. Martin, and I. Neeman. Invited speakers include: H. Becker, P. Kolaitis, C. Parsons, G. Plotkin, R. Shore, J. Steel, A. Wilkie, and W. H. Woodin. For further information, contact I. Neeman (email: `ineeman@math.ucla.edu`) or visit `http://www.math.caltech.edu/vig.html`.

- **Foundations of the Formal Sciences IV (FotFS IV).** *February 14–17, 2003, Bonn, Germany.* FotFS is a series of interdisciplinary conferences in mathematics, philosophy, computer science and linguistics. The main goal is to reestablish the traditionally strong links among these areas of research that have been lost. Talks are addressed to a general audience of mathematicians, logicians, philosophers, computer scientists, and linguists. Invited speakers include: K. de Laplant, I. Grattan-Guinness, J. Høyrup, C. Kann, S. Prediger, G. Schenk, C. Thiel, and J. Twining. The members of the Organizing and Scientific Committee are B. Löwe (Coordinator), V. Peckhaus, and T. Räsch (local organizer). For further information, visit `http://www.math.uni-bonn.de/people/fotfs/IV/`.

- **Fourth International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2003).** *February 16–22, 2003, Mexico City, Mexico.* This event covers nearly all topics related to computational linguistics and natural language processing. Keynote speakers include E. Brill, A. Joshi, A. Kilgarriff, and T. Pedersen. For additional information, visit `http://www.CICLing.org/2003`.

- **Logic and Number Theory.** *March 15–19, 2003, Tucson, Arizona.* Invited speakers (with minicourses that they will offer in parentheses) include: F. Loeser (Motivic and p-adic integration), A. Pillay and T. Scanlon (Model theory and diophantine geometry), B. Poonen (Hilbert's tenth problem), and F. Pop (Elementary equivalence of finitely generated fields). There also will be a special lecture series by A. Macintyre entitled, "The history of interactions between logic and number theory." The organizers of this event are M. Kim, A. Pillay, and B. Poonen. For further information, visit `http://swc.math.arizona.edu/~swcenter/newaws/index.html`.

- **The European Joint Conferences on Theory and Practice of Software (ETAPS 2003).** *April 5–13, 2003, Warsaw, Poland.* ETAPS is a loose and open confederation of conferences and other events that has become the primary European forum for academic and industrial researchers working on topics relating to Software Science. ETAPS typically includes events which may be of interest to logicians. For further information, visit `http://www.mimuw.edu.pl/etaps03/`.

- **Tenth Conference of the European Chapter of the Association for Computational Linguistics (EACL 2003).** *April 12–17, 2003, Budapest, Hungary.* The Co-chairs of the Program Committee are A. Copestake (`aac@cl.cam.ac.uk`) and J. Hajic (`hajic@ufal.mff.cuni.cz`). For further information, visit `http://ufal.mff.cuni.cz/%7Ehajic/eacl03/pgm_comm.html`.

- **Logic and Mathematics: Connections and Interactions.** *May 21–25, 2003, University of Illinois at Urbana-Champaign, Urbana, Illinois.* The aim of the meeting is to bring together mathematicians with an interest in and sensitivity to applications of mathematical logic. Invited speakers include: A. Buium, G. Cherlin, O. Costin, N. Cutland, A. Gabrielov, A. Kechris, P. Koiran, F. Loeser, T. Odell, B. Poonen, T. Scanlon, Z. Sela, K. Tent, S. Thomas, A. Vershik, A. Wilkie, M. Ziegler, and B. Zilber. The organizers are L. van den Dries, C. W. Henson, A. Pillay, and S. Solecki. For further information, visit `http://www.math.uiuc.edu/~henson/conference.html`.

- **2003 Federated Computing Research Conference (FCRC 2003).** *June 7–14, 2003, San Diego, California.* FCRC assembles a spectrum of affiliated research conferences and workshops into a week long coordinated meeting held at a common time in a common place. Plenary speakers include: M. Flynn, H. Garcia-Molina, J. Kurose, B. Liskov, and M. Rabin. Several of the affiliated conferences may be of interest to logicians. For further information, visit `http://www.acm.org/sigs/conferences/fcrc/`.

- **Federated Conference on Rewriting, Deduction and Programming (RDP'03).** *June 8–14, 2003, Valencia, Spain.* This event includes several participating conferences, workshops, and scientific meetings of potential interest to logicians. The chair of the Organizing Committee is S. Lucas. For further information, visit `http://www.dsic.upv.es/∼rdp03`.

- **Second North American Summer School in Logic, Language and Information (NASSLLI-2003).** *June 17–21, 2003, Bloomington, Indiana.* The main focus of NASSLLI is on the interface between linguistics, logic, and computation, broadly conceived, and on related fields. NASSLLI's sister school, the European Summer School in Logic, Language, and Information, has been highly successful, becoming an important meeting place and forum for discussion for students and researchers interested in the interdisciplinary study of Logic, Language and Information. The members of the Steering Committee include: D. Beaver, B. Grosz, P. Kolaitis, L. Moss, S. Shieber, and M. Vardi. NASSLLI-2003 will be co-located with MoL'03, the Eighth Meeting on the Mathematics of Language (see `http://www.cis.upenn.edu/∼ircs/mol/mol.html`). For further information on NASSLLI-2003, visit `http://www.indiana.edu/∼nasslli/`.

- **Algebra and Discrete Mathematics: Symmetries and Ordered Structures under the Influence of Model Theory and Combinatorics.** *July 26–31, 2003, Hattingen, Germany.* Part of the 2003 Euresco Conference Program, this event has as its focus the rich interaction between the theory of infinite permutation groups, specifically realized as automorphism groups of sufficiently homogeneous structures, and model theory. Invited speakers provisionally include: E. Bouscaren, G. Cherlin, T. Coulbois, M. Droste, M. Dzamonja, D. Evans, R. Göbel, G. Gomes, C. Holland, D. Kuske, C. Michaux, A. Morozo, P. Neumann, L. Newelski, A. Rhemtulla, M. Rubin, V. Tolstykh, M. Volkov, and F. Wagner. The Conference Chair is J. K. Truss. Participation is limited; the deadline for receipt of applications is May 5, 2003. Support covering the conference fee and possibly some travel costs may be available. For further information, visit `http://www.esf.org/euresco/03/pc03101`.

- **III World Conference on Paraconsistency (WCP3).** *July 28-31, 2003, IRIT, Toulouse, France.* Paraconsistent logics deal sensibly with contradictory yet non-trivial theories. The core of the subject is a collection of mathematical techniques, philosophically well motivated and with numerous technological applications. For further information about this event, visit `http://www.irit.fr/wcp3/`.

- **Twelfth International Congress of Logic, Methodology and Philosophy of Science.** *August 7–13, 2003, Oviedo, Spain.* This event, held every four years, is the main international conference organized by the Division of Logic, Methodology and Philosophy of Science (DLMPS) of the International Union of History and Philosophy of Science (IUHPS). The Congress is divided into the following sections, representing the different areas of logic, methodology and philosophy of science: Logic; General Philosophy of Science; Philosophical Issues of Particular Sciences; and, Ethical, Social, and Historical Perspectives on Philosophy of Science. The members of the Program Committee include: P. Clark, M. L. Dalla Chiara, P. Hajek (Chair), T. Ishigaki, L. Valdes, M. Vardi, V. Vasyukov, and D. Westerståhl. For further information, visit `http://www.uniovi.es/Congresos/2003/DLMPS/`.

- **Fifteenth European Summer School in Logic, Language and Information (ESSLLI-2003).** *August 18–29, 2003, Vienna, Austria.* 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. The Chair of the Program Committee is I. Kruijff-Korbayova, and the Chair of the Organizing Committee is M. Baaz. ESSLLI-2003 is organised under the auspices of the European Association for Logic, Language and Information (FoLLI). For further information about ESSLLI-2003, visit `http://www.esslli.org/2003/`; for further information about FoLLI, see `http://www.folli.org`.

The next Newsletter will be mailed in January, 2003. Items to be included should reach the Secretary-Treasurer before December 31, 2002.

Submitted by Charles Steinhorn, Secretary-Treasurer.