THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- ASL PUBLICATION ETHICS POLICY. The ASL Council recently adopted a Publication Ethics Policy that applies to all journals and books published by the Association. Prospective authors may view the statement of policy at `http://www.aslonline.org/PublicationEthicsPolicy.html`.
- DISCOUNTED DUES FOR NEW ASL INDIVIDUAL MEMBERS . The ASL now offers a 50% discount on dues for new individual members during each of the first two years of membership. For more information, visit `http://www.aslonline.org/membership-individual.html`.
- REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES. The ASL offers reduced dues for individual and institutional members in developing economies. For 2011, the reduced dues are US$18 for individuals and US$130 for institutional basic membership, US$180 for full membership. These dues apply to individuals and institutions residing in countries whose economies are classified as 'upper middle income' or below on the World Bank's annual list for four of the last five years. 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`.
- REDUCED DUES FOR UNEMPLOYED MEMBERS. The ASL offers reduced dues for individual members who are unemployed. For 2011, the reduced dues are US$41. For further information, visit `http://www.aslonline.org/membership-individual.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`.
- EMERITUS ASL INDIVIDUAL MEMBERSHIP. The ASL offers retired individual members two membership options. Emeritus membership includes all the privileges of regular individual membership and is available to retired individuals who have been members of the ASL for 15 years. The dues for Emeritus membership for 2011 are US$41. The privileges attached to Retired membership (previously called emeritus membership) include the ASL Newsletter and the right to vote in ASL elections, but do not include subscriptions to the ASL journals. Retired membership is offered to retired individuals who have been members of the Association for 20 years and is free. For more information about both options, visit `http://www.aslonline.org/membership-individual.html`.
- 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* is 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) click on 'Log in' in the top right-hand corner of the screen; (3) click on "create a profile here" in the center of the login page; (4) fill in at least the required fields 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); (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 our membership fulfillment agent

at the American Mathematical Society at `asl-service@ams.org`. If you have any trouble using the Personal Subscription Registration form, please contact `Euclid-L@cornell.edu`.

- Older ASL Books Available Online at Project Euclid. The ASL has made available online via Project Euclid those older volumes of Lecture Notes in Logic and Perspectives in Logic owned by the ASL and published in collaboration with Springer-Verlag. The available Lecture Notes in Logic books (volumes 1-12) can be found at `http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.lnl`, and the available Perspectives volumes (those owned by the ASL) can be found at `http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.pl`. The ASL continues to sell original hard copies of those Lecture Notes and Perspective volumes of which there is sufficient stock; information about purchasing these volumes can be found at `http://www.aslonline.org/books.html`.
- Access to JSL and BSL back issues for ASL Members via JSTOR. Access to the full-text of *The Journal of Symbolic Logic* for the years 1936 - 2006 is available to all ASL members via JSTOR. Access to the full-text of *The Bulletin of Symbolic Logic* for the years 1995–2010 also is available to all ASL members via JSTOR. Instructions for activating a new or existing account will be emailed to you directly from JSTOR User Services (`support@jstor.org`) within a week of your new ASL membership or renewal. If you do not receive this email, or have not provided the ASL with an email address, please contact the ASL Member Service provider at the American Mathematical Society (`asl-service@ams.org`).
- Book and Journal Discounts for ASL Members. Several publishers now offer discounts on books and journals to ASL members. For a detailed description of these discounts, visit `http://www.aslonline.org/members-discounts.html` on the ASL website, or write to the ASL Business Office.
- Student Travel Awards: The 2011 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 2011 ASL European Summer Meeting in Barcelona, Spain; see below for information about this meeting. 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 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 is supported by a grant from the US National Science Foundation; NSF funds for meetings outside of North America 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 2011 ASL European Summer Meeting, applications and recommendations should be received before the deadline of March 21, 2011, by the Organizing Committee: Joan Bagaria, Chair of the Organizing Committee, LC11, Departament de Logica, Historia i Filosofia de la Ciencia, Universitat de Barcelona, Montalegre 6, 08001 Barcelona, Spain; email: `lc2011@lsi.upc.edu`.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2011 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.

- 2011 ASL North American Annual Meeting. *March* 24–27, 2011, *Berkeley, California*. The invited speakers include: A. Antonelli, L. Bienvenu, L. van den Dries, D. Haskell, J. Moore, C. Rosendal, N. Thapen, S. Thomas, and R. Williams. Penelope Maddy will deliver a retiring presidential address. The following special sessions (with organizers in parentheses) are planned: Definability throughout Mathematical Logic, in honor of Leo Harrington (T. Slaman and J. Steel), Hilbert (W. Sieg), Model Theory (D. Marker), Philosophy of Mathematics (J. Burgess), and Set Theory (E. Schimmerling). The Shoenfield Prizes for outstanding expository writing will be awarded also. The Program Committee members are: S. Buss, J. Heis, I. Neeman (Chair), C. Papadimitriou, T. Slaman, and S. Starchenko. The Local Organizing Committee includes: P. Mancosu, T. Scanlon (Chair), T. Slaman, and W.H. Woodin. For more information, visit `http://logic.berkeley.edu/ASL/index.htm`.

- 2010-11 ASL Spring Meeting (with APA). *April* 21–22, 2011, *San Diego, California*. This meeting will be held jointly with the Annual Meeting of the Pacific Division of the American Philosophical Association, April 20–23, 2011. A plenary session and two invited speaker sessions will be held. The speakers in the plenary session include: V. Halbach, A. Hazen, and G. Sher. For the invited session on *Logic and Linguistics*, the speakers are K. von Fintel, T. Parsons, and E. Stabler; for the invited session on *Logic and Early Analytic Philosophy*, the speakers include R. May, E. Reck, and M. Rossberg. The members of the Program Committee are A. Antonelli, J. Heis, and K. Wehmeier (Chair).

- 2011 ASL European Summer Meeting (Logic Colloquium '11). *July* 11–16, 2011, *Barcelona, Spain*. The Program Committee members are: K. Ambos-Spies (Chair), J. Avigad, H. Barendregt, E. Casanovas, S. Kreutzer, H. Mildenberger, A. Sorbi, T. Tinchev, A. Visser, and B. Zilber. The Local Organizing Committee includes: D. Asperó, A. Atserias, J. Bagaria (Chair), F. Bou, E. Casanovas, V. Dalmau, P. Dellunde, R. Jansana, D. Palacín, J. Potier, and D. Virgil. For further information, visit `http://www.logic2011.org/?cmd=home`.

  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 March 28, 2011 at the official meeting address: Joan Bagaria, Chair of the Organizing Committee, LC11, Departament de Logica, Historia i Filosofia de la Ciencia, Universitat de Barcelona, Montalegre 6, 08001 Barcelona, Spain; email: `lc2011@lsi.upc.edu`.

- 2012 ASL North American Annual Meeting. *March* 31–*April* 3, 2012, *Madison, Wisconsin*. The members of the Program Committee are: J. Avigad, B. Hart (Chair) A. Miller, G. Nadathur, and J. Reimann. The Local Organizing Committee includes: U. Andrews, S. Lempp (Chair), A. Miller, J. Miller, and S. Ng.

- 2013 ASL North American Annual Meeting. *May* 8–*May* 11, 2013, *Waterloo, Ontario, Canada*. The Local Organizing Committee includes: S. Ben-David, B. Csima (Chair), D. DeVidi, R. Moosa, and R. Willard.

- 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.

- Young Set Theory Workshop 2011. *March* 21–25, 2011, *Konigswinter, Germany.* The aim of this conference, funded by the Hausdorff Center and the European Science Foundation, is to bring together Ph.D. students and postdoctoral researchers in set theory in order to learn from leading researchers in the field, hear about the latest research, and discuss research issues in a co-operative environment. Tutorials given by senior researchers representing a branch of set theory will be offered by: A. Enayat, J. Hamkins, J. Steprans, and S. Solecki. The Chair of the Scientific Committee is B. Kastermans, and the Chair of the Organizing Committee P. Schlicht. For further information, visit `http://www.math.uni-bonn.de/people/logic/events/young-set-theory-2011`. (ASL Sponsored Meeting.)
- XVI EBL-Brazilian Logic Meeting/ Encontro Brasileiro de Lógica. *May* 9–13, 2011, *Petrópolis* (*RJ*), *Brazil.* The invited speakers include: A. Aliseda, J. Avigad, X. Caicedo, C. Caleiro, B. ten Cate, W. Carnielli, O. Chateaubriand Filho, R. Cignoli, N. da Costa, A. Dawar, S. Feferman, Y. Gurevich, N. Immerman, P. Maddy, P. Martin-Löf, F. Miraglia, D. Mundici, C. di Prisco, P. Veloso, and Y. Venema. The Chair of the Scientific Committee is N. da Costa, and the Chair of the Organizing Committee is O. Chateaubriand Filho. Prior to the meeting, a Logic School for students will be held May 7–8 at the Institute of Mathematics of the Federal Fluminense University (UFF) in Niterói (RJ). For further information, visit `http://www.cocen.unicamp.br/wwwebl/comittee.php`. (ASL Sponsored Meeting.)
- Eighteenth Workshop on Logic, Language, Information and Computation (WoLLIC'2011). *May* 18–21, 2011, *Philadelphia, Pennsylvania.* This is the eighteenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is L. Beklemishev. The Co-chairs of the Organizing Committee are R. de Queiroz and A. Scedrov. For further information, visit `http://www.wollic.org/wollic2011/`. (ASL Sponsored Meeting.)
- Third International Congress on Tools for Teaching Logic (TICTTL). *June* 1–4, 2011, *Salamanca, Spain.* The invited speakers or keynote software demonstrators include: E. Alonso, R. Girle, D. Gries, J. Henle, A. Huertas, J. Jaspars, R. Morado, and K. Stenning. For further information, visit `http://logicae.usal.es/TICTTL/`. (ASL Sponsored Meeting.)
- Twenty-sixth Annual IEEE Symposium on Logic in Computer Science (LICS 2011). *June* 21–24, 2011, *Fields Institute, Toronto, 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. The Program Chair is M. Grohe, the General Chair is R. Alur, and the Conference Co-Chairs are B. Larose and M. Valeriote. For further information, visit `http://www2.informatik.hu-berlin.de/lics/lics11/`. (ASL Sponsored Meeting.)
- Computability in Europe 2011 (CiE 2011): Models of Computation in Context. *June* 27–*July* 2, 2011, *Sofia, Bulgaria.* This is the seventh in a series organized within the network "Computability in Europe" (CiE). The conference will bring context, multidisciplinary perspective, and computability-theoretic focus to a wide spectrum of disciplines, including computer science, mathematics and logic, physics and quantum theory, biology and informatics, linguistics and philosophy, neuroscience and learning theory, and more. Tutorials will be offered by J. Lutz and G. Pullum. Invited speakers include: S. Aaronson, C. Baier, M. van Lambalgen, A. Montalban, A. Shlapentokh, T. Slaman, J. Thornton, and A. Urquhart. Special sessions are planned on: classical computability theory; computability in analysis, algebra, and geometry; computational linguistics; natural computing; relations between the physical world and formal models of computability; and, theory of transfinite computations. The Program Committee Co-Chairs are D. Normann and I. Soskov, and the Chair of the

Local Organizing Committee is A. Soskova. For more information, visit `http://cie2011.fmi.uni-sofia.bg`. (ASL Sponsored Meeting.)

- Infinity Conference. *July* 18–22, 2011, *Centre de Recerca Matemática, Bellaterra, Spain*. This event will focus on interdisciplinary work in mathematical logic, with connections to theoretical computer science and the philosophy/history of set theory. It will serve as the culmination of the Infinity Project, an interdisciplinary project in logic hosted at the CRM and funded by the John Templeton Foundation during 2009-2011. Confirmed invited speakers include: T. Arrigoni, J. Baldwin, J. Flum, T. Hyttinen, J. Knight, Martin Koerwien, R. Miller, and M. Müller. The members of the Scientific Committee are: J. Baldwin, M.L. Bonet, S.-D. Friedman (Chair), J.C. Martinez, and M. Rathjen. For more information, including how to register and apply for financial support, visit `http://www.crm.cat/` and follow the links "Conferences and Workshops" and "Infinity Conference". (ASL Sponsored Meeting.)
- History and Philosophy of Computing. *November* 7–10, 2011, *Het Pand, Belgium*. Topics on which this event will focus include: the birth, evolution and future of computation; philosophical, foundational and practical issues of computability in logic, mathematics and computer science; and, computation in the sciences. The invited speakers include: W. Aspray, M. Davis, F. Kamareddine, S. Krämer, G. Sambin, and R. Turner. The Conference Chairs are L. De Mol and G. Primiero. The deadline for submission of papers is May 15, 2011. For further information, visit `http://www.computing-conference.ugent.be/`. (ASL Sponsored Meeting.)
- Twelfth Asian Logic Conference. *December* 15–20, 2011, *Wellington, New Zealand*. This meeting will be held jointly with a meeting of the Australasian Association for Logic (AAL). The tutorial speakers are M. Grohe and Z. Sela. The invited plenary speakers include: M. Detlefsen (joint with AAL), I. Goldbring, N. Greenberg, W. Guohua, G. Hjorth, H. Ono (joint with AAL), G. Sargsyan, and A. Tsuboi. Special sessions will be offered on the following topics (with organizers in parentheses): algorithmic randomness (A. Nies), logical aspects of algebraic structures (R. Downey and A. Montalban), logical aspects of graphs and matroids (D. Marx and G. Whittle), modal logic (R. Goldblatt and E. Mares), and set theory (Q. Feng and H. Woodin). There will be an additional workshop for students on December 14th featuring the conference tutorial speakers. The Program Committee includes: T. Arai, R. Downey, Q. Feng, S.S. Goncharov, B. Kim, G. Restall, and Y. Yue. The Local Organizing Committee members are: C. Bailey, R. Downey, N. Greenberg, and G. Whatarau. For further information, visit `http://msor.victoria.ac.nz/Events/ALC2011/WebHome`. (ASL Sponsored Meeting.)
- Computability Theory and Applications. *May* 14–15, 2011, *Chicago, Illinois*. This meeting is in honor of Robert I. Soare on the occasion of his seventieth birthday. The invited speakers are: R. Downey, L. Harrington, C. Jockusch, J. Knight, S. Lempp, A. Nerode, G. Sacks, R. Shore, and T. Slaman. The Program Committee includes: B. Csima, P. Fejer, D. Hirschfeldt, S. Lempp, R. Miller, and M. Stob. The members of the Organizing Committee are: B. Csima, D. Diamondstone, D. Dzhafarov, D. Hirscheldt, N. Schweber, J. Stephanson, and M. Wright. For more information, visit `http://www.math.uwaterloo.ca/~csima/soare/`.
- Twelfth International Conference on Relational and Algebraic Methods in Computer Science (RAMiCS 12). *May* 30–*June* 3, 2011, *Rotterdam, the Netherlands*. This event provides a major forum for researchers in computer science who use the calculus of relations and similar algebraic formalisms as methodological and conceptual tools. This year, the meeting includes a special track on computational social choice and social software. The Chair of the Program Committee and conference organizer is H. de Swart. For further information, visit `http://www.eur.nl/fw/english/ramics12/`.

- Recent Developments in Model Theory. *June* 5–11, 2011, *Oléron*, *France*. This meeting will also honor Anand Pillay on his sixtieth birthday. The invited speakers include: D. Bertrand, G. Boxall, E. Breuillard, P. Cassidy, L. van den Dries, D. Haskell, E. Hrushovski, M. Kamensky, B. Kim, J. Kirby, A. Macintyre, A. Medvedev, L. Newelski, M. Otero, C. Perin, Y. Peterzil, J. Pila, A. Pillay, T. Scanlon, A. Shkop, P. Simon, M. Singer, C. Steinhorn, M. Thomas, F.O. Wagner, A. Wilkie, and B. Zilber. The members of the Scientific Committee are: Z. Chatzidakis, D. Marker, A. Martin-Pizarro (Chair), R. Moosa, and S. Starchenko. For further information, visit `http://modeltheory2011.univ-lyon1.fr/`.

- Infinite and Finite Sets (Hajnalfest). *June* 13–17, 2011, *Budapest*, *Hungary*. This conference on set theory and combinatorics honors András Hajnal on the occasion of his eightieth birthday. Invited speakers include: B. Balcar, M. Foreman, S. Friedman, H. Kierstead, M. Kojman, A. Kostochka, J. Larson, L. Lovász, M. Magidor, J. Mycielski, J. Pach, V. Rödl, N. Sauer, S. Shelah, E. Szemerédi, S. Todorčević, and B. Veličković. The organizing committee is chaired by I. Juhász. For more information visit `http://www.renyi.hu/conferences/hajnal80/`.

- Third European Set Theory Conference. *July* 4–7, 2011, *International Centre for Research in Mathematical Sciences*, *Edinburgh*, *Scotland*. The members of the Program Committee are: J. Bagaria, M. Magidor, J. Väänänen, and P.D. Welch (Chair). For more information, visit the website `http://www.icms.org.uk` or `http://www.esf.org/activities/esf-conferences/details/2011/confdetail368.html`.

- Eighth Panhellenic Logic Symposium. *July* 4–8, 2011, *Ioannina*, *Greece*. The Scientific Committee includes: A. Berkman, C. Dimitracopoulos, K. Hatzikiriakou, A. Kakas, P. Karazeris, P. Kolaitis, G. Koletsos, J. Moschovakis (Chair), C. Nomikos, I. Neeman, T. Pheidas, A. Soskova, C. Tsinakis, and S. Zachos. The members of the Organizing Committee are: M. Gergatsoulis, S. Kontogiannis, C. Koutras, C. Nomikos (Chair), and P. Rondogiannis. For further information, visit `http://www.cs.uoi.gr/~pls8/`.

- Fourteenth Congress of Logic, Methodology and Philosophy of Science. *July* 19–26, 2011, *Nancy*, *France*. This event, held every four years beginning in 1960, 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 program usually is divided into sections under the headings of Logic, General Philosophy of Science, Philosophical Issues of Particular Sciences, and Science and Society. The Chair of the Executive Committee is W. Hodges, the General Program Committee Chair is P. Schroeder-Heister, and the Chair of the Local Organizing Committee is G. Heinzmann. For more information, visit `http://www.clmps2011.org/en/editorial.html`.

- Twenty-third European Summer School in Logic, Language and Information (ESSLLI-2011). *August* 1–11, 2011, *Ljubljana*, *Slovenia*. The European Summer Schools in Logic, Language and Information focus 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 M. Kanazawa and the Organizing Committee Chair is D. Fiser. ESSLLI-2011 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2011 visit `http://esslli2011.ijs.si/`; for further information about FoLLI, visit `http://www.folli.org`.

- Verification of Sequential and Concurrent Programs. Authors: K.R. Apt, F.S. de Boer, and E.-R. Olderog (third extended edition, with a forward by A. Pnueli; Springer-Verlag, 2009, ISBN: 978-1-84882-744-8) `http://www.springer.com/computer/theoretical+computer+science/book/978-1-84882-744-8`.