THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- FIRST ASL SPONSORED JOURNAL: *Journal of Logic and Analysis*. In 2009, the ASL Council authorized the new category of ASL Sponsored Journals. This rubric is intended to promote the visibility of and access to new, perhaps specialized, journals in logic and/or its applications that are not-for-profit and available at a cost far less than that typically found at the major commercial publishers.

  The *Journal of Logic and Analysis* is the first publication sponsored by the ASL under this framework. The *Journal*, an open access, online publication, examines the interaction between ideas or techniques from mathematical logic and other areas of mathematics, especially, but not limited to, pure and applied analysis. The *Journal* publishes papers in nonstandard analysis and related areas of applied model theory; papers involving interplay between mathematics and logic (including foundational aspects of such interplay); and mathematical papers using or developing analytical methods having connections to any area of mathematical logic.

  For further information about ASL sponsored journals, visit `http://aslonline.org/journals-sponsored_journals.html`; for more information about the *Journal of Logic and Analysis*, visit `http://logicandanalysis.org/`.

- CALL FOR PROPOSALS: 2012 AMS-ASL JOINT SPECIAL SESSION. The ASL Committee on Logic in North America requests proposals for an AMS-ASL Joint Special Session to be held at the Joint Mathematics Meetings in Boston, January 4–7, 2012. Proposals or requests for further information should be sent to the Committee Chair, Scott Weinstein (email: `weinstein@cis.upenn.edu`). The deadline for receipt of proposals is January 15, 2011.

- 2010 SACKS PRIZE. The ASL invites nominations for the 2010 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2010. 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`.

  Anyone who wishes to make a nomination for the 2010 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 is provided below.

  Students who defend their dissertations (equivalent to the American doctoral dissertation) between October 1, 2009, and September 30, 2010, 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 .pdf or .ps form, or the address of a web site from which an electronic copy in .pdf or .ps form can be downloaded. An independent second letter of recommendation is strongly encouraged. Nominations should be sent to the Committee Chair, Julia Knight; .pdf or .ps files sent as attachments by email to `Julia.F.Knight.1@nd.`

edu 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 Julia Knight, Department of Mathematics, University of Notre Dame, 255 Hurley Hall, Notre Dame, IN 46556-4618, USA.

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.

- New Emeritus ASL Individual Membership. The ASL now 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 2010 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.

- 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.

- Special Sale of ASL Books. The ASL is making available the following volumes from its book series at an additional discount.

  Lecture Notes in Logic (each volume $12 for ASL members, $16 for non-members): LNL vol. 11, *Logic Colloquium* '95; *Proceedings of the Annual European Summer Meeting of the Association for Symbolic Logic, held in Haifa, Israel, August* 9-18, 1995; LNL vol. 12, *Logic Colloquium* '96; *Proceedings of the Colloquium held in San Sebastian, Spain, July* 9-15, 1996.

  Perspectives in Logic (each volume $18 for ASL members, $24 for non-members): *Essential Stability Theory* by S. Buechler; *Metamathematics of First Order Arithmetic* by P. Hajek and P. Pudlak.

  To order these specially discounted volumes, visit http://www.aslonline.org/books.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.

- New Book Discount for ASL Members. Chapman & Hall / CRC Press now offers ASL members a 20% discount on Gold-Standard Mathematics Books. For further information, visit http://www.aslonline.org/members-discounts.html or write to the ASL Business Office.

- 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 North American Annual Meeting, and other ASL or ASL-Sponsored Meetings. The ASL will make available modest travel awards to graduate students in logic so that they may attend the 2011 ASL North American Annual Meeting in Berkeley, California; 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 (other than the 2011 European Summer Meeting; the announcement for travel award applications for this meeting will be made by November 2010). 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 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 North American Annual Meeting, applications and recommendations should be received before the deadline of December 20, 2010, by the Program Chair: Itay Neeman, Department of Mathematics, University of California Los Angeles, Los Angeles, CA 90095-1555, USA; Fax: 310-206 6673; email: `ineeman@math.ucla.edu`. Applications by email are preferred.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2011 North American Annual Meeting and 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.

- 2010-11 ASL Winter Meeting (with Joint Mathematics Meetings). *January* 8–9, 2011, *New Orleans, Louisiana*. This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 6–9, 2011. The invited speakers include: S. Abramsky, A. Blass, L. Moss, A. Onshuus, P. Speissegger, J. Steprans, and M. VanDieren. The members of the Program Committee are: A. Dolich, B. Kastermans, and M. Mislove (Chair). In addition to the ASL program, there will be a joint AMS-ASL Special Session on *Logic and Analysis*, organized by J. Avigad, U.W. Kohlenbach, and H. Towsner. Other special sessions of interest to logicians include: *AMS-MAA-MER Special Session on Mathematics and Education Reform*, organized by W.H. Barker, W.G. McCallum, B.S. Saunders, which will have an ASL-co-sponsored component on 'Logic in the undergraduate mathematics curriculum'; *AMS Mathematics Research Community Special Sesson on Model Theory of Fields and Applications*, organized by B. Hutz, J. Marikova, J. Poineau, and Y. Yin; *AMS Special Session on Transseries and Ordered Exponential Fields*, organized by O. Costin, L. van den Dries, and G.A. Edgar.

  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 10, 2010, 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`.

- 2011 ASL North American Annual Meeting. *March* 24–27, 2011, *Berkeley, California*. The members of the Program Committee 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. 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 December 3, 2010, 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.

- 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. The members of the Program Committee are A. Antonelli, J. Heis, and K. Wehmeier (Chair).
  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 October 8, 2010, 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.
- 2011 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '11). *July* 11–16, 2011, *Barcelona, Spain*. 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.
- 2012 ASL NORTH AMERICAN ANNUAL MEETING. *March* 31–*April* 3, 2012, *Madison, Wisconsin*. The Local Organizing Committee includes: U. Andrews, S. Lempp (Chair), A. Miller, J. Miller, and S. Ng.
- 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.
- SET THEORY, MODEL THEORY, GENERALIZED QUANTIFIERS AND FOUNDATIONS OF MATHEMATICS: A MEETING IN HONOR OF JOUKO VÄÄNÄNEN'S SIXTIETH BIRTHDAY. *September* 16-18, 2010, *Helsinki, Finland*. Invited speakers include: P. Aczel, J. Bagaria, J. Baldwin, Z. Chatizidakis, M. Dzamonja, P. Galliani, L. Hella, W. Hodges, T. Hyttinen, M. Kesälä, O. Kuusela, P. Koepke, P. Kolaitis, J. Kontinen, R. Kossak, M. Krynicki, M. Magidor, J. Nesetril, I. Niiniluoto, J. Paris, K. Segerberg, S. Todorcevic, S. Weinstein, D. Westerstahl, and B. Zilber. This meeting will be preceded by tutorials on September 13-15 offered by A. Villaveces (*Model theory of sheaves*) and B. Velickovic (*Transfinite games*). This event is organized by the Helsinki Logic Group. For further information, contact J. Kennedy (email: juliette.kennedy@helsinki.fi) or V. Kulikov (email: vadim.kulikov@helsinki.fi), or visit http://www.helsinki.fi/~kulikov/jouko/. (ASL Sponsored Meeting.)
- THIRD INTERNATIONAL CONGRESS ON TOOLS FOR TEACHING LOGIC. *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.)

- SEVENTEENTH INTERNATIONAL CONFERENCE ON LOGIC FOR PROGRAMMING ARTIFICIAL INTELLIGENCE AND REASONING (LPAR). *October* 10–15, 2010, *Yogyakarta, Indonesia*. This annual forum aims to present state-of-the-art research results and to discuss advances in artificial intelligence, automated reasoning, and computational logic. The invited speakers include: K. Chatterjee, J.Y. Halpern, and M. Maher. An invited tutorial, sponsored by the Kurt Gödel Society, will be offered by G. Gottlob. The Conference Chair is S. Hölldobler. The Program Committee Chairs are C. Fermüller and A. Voronkov. For more information, visit `http://www.computational-logic.org/lpar-17/Home.html`.
- SEVENTEENTH WORKSHOP ON TYPES FOR PROOFS AND PROGRAMS (TYPES 2010). *October* 13–16, 2010, *Warsaw, Poland*. This event is a forum to present new and ongoing work in all aspects of type theory and its applications, especially in formalized and computer assisted reasoning and computer programming. Invited speakers include: H. Barendregt, Y. Bertot, P.-L. Curien, and A. Ranta. The members of the Organizing Committee are: M. Benke, J. Chrząszcz, K. Jaworska, A. Kozubek, A. Schubert, P. Urzyczyn (Chair), and D. Walukiewicz-Chrząszcz. For further information, visit `http://types10.mimuw.edu.pl`.
- COLLOQUIUM IN HONOUR OF ERNST SPECKER IN THE YEAR OF HIS 90TH BIRTHDAY. *October* 29–30, 2010, *Zurich, Switzerland*. The invited speakers include: A. Blass, E. Fischer, J. Flum, M. Fürer, H. Gaifman, E. Grädel, N. Hungerbühler, R. Kossak, K. Tent, S. Wolf, and M. Ziegler. The members of the Organizing and Program Committee are: H. Bühlmann, G. Felder, G. Jäger, U. Lang, J. Makowsky, E. Welzl, and S. Zachos. For further information, visit `http://www.fim.math.ethz.ch/activities/colloquium_specker/`.
- APPALACHIAN SET THEORY. *October* 30, 2010, *Nashville, Tennessee*. A. Kechris will give a day-long workshop. This workshop series is supported by the U.S. National Science Foundation. For more information, visit `http://www.math.cmu.edu/~eschimme/Appalachian/Index.html`.
- PHDS IN LOGIC III. *February* 17–18, 2011, *Brussels, Belgium*. This is an annual two-day graduate conference and winter school in logic during which four established professors give tutorials on their work and about ten Ph.D. students give shorter presentations on their own work or an overview of some topic in their field. The tutorials will be given by: M. Gehrke on *Algebraic Logic*, P. Koepke on *Set Theory*, E. Pacuit on *Epistemic Logic*, and S. Smets on *Quantum Logic*. The members of the Scientific Committee are: M. Denecker, L. Horsten, B. Löwe, and J. P. Van Bendegem. The Organizing Committee includes: L. Demey, M. Denecker, J. De Vuyst, and J.P. Van Bendegem. For more information, visit `http://www.vub.ac.be/phdsinlogic2011/`.
- RECENT DEVELOPMENTS IN MODEL THEORY. *June* 5–11, 2011, *Oléron, France*. This meeting will also be an opportunity to honor Anand Pillay on his sixtieth birthday. The invited speakers include: D. Bertrand, G. Boxall, E. Breuillard, 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, S. Süer, 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://math.univ-lyon1.fr/~moreno/oleron`.
- 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 `http://www.icms.org.uk` or `http://ests.wordpress.com/`.

- 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, which has been 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, 2009, ISBN: 978-1-84882-744-8) `http://www.springer.com/computer/theoretical+computer+science/book/978-1-84882-744-8`.