THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- THE 2008 ASL ELECTION. At the end of this year the ASL will elect two members of the Executive Committee of the Council, and two members of the Council. All terms are for three years beginning January 1, 2009. The ballot was sent to all ASL members in mid-November. The 2008 Nominating Committee has nominated Lev Beklemishev (Steklov) and Roman Kossak (CUNY) for the Executive Committee positions, and Ayse Berkman (Ankara) and R. Ramanujam (CIT, Institute of Math Sciences, Chennai) for the Council positions. The Nominating Committee consisted of Michael Hallett, Steffen Lempp, Rohit Parikh, John Steel (Chair), Stan Wainer, and Carol Wood.
- CALL FOR PROPOSALS: 2010 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 San Francisco, January 6–9, 2010. Proposals or requests for further information should be sent to the Committee Chair, Jeremy Avigad (email: `avigad@cmu.edu`). The deadline for receipt of proposals is January 16, 2009.
- ASL NEWSLETTER VIA EMAIL. Beginning with the September 2008 issue, the ASL Newsletter will be sent by email to all members for whom the ASL has an email address and who do not specifically request to be sent the printed version. To exercise this "opt-out" provision, either notify the ASL's subscription fulfillment agent at `asl-service@ams.org` or check the appropriate box on 2009 membership renewal forms that were mailed in November.
- NEW MEMBER BENEFIT: *The Review of Symbolic Logic*. Individual ASL members now receive the new ASL journal, *The Review of Symbolic Logic*, as an additional benefit of membership. Publication of the *RSL* by Cambridge University Press commenced in June 2008, and members should have received the first two issues.

  Joining *The Journal of Symbolic Logic* and *The Bulletin of Symbolic Logic* as the third official organ of the Association, the *RSL* publishes research papers in: philosophical and non-classical logics and their applications; history and philosophy of logic; and philosophy and methodology of mathematics. The first heading covers all areas of philosophical logic, plus applications of these logics in such fields as computer science, linguistics, game theory and decision theory, formal epistemology, cognitive science, and artificial intelligence. The second is intended to include the history of philosophy of logic, an area that overlaps substantially with what is often called 'history of analytic philosophy'. The third area includes both the philosophy of mathematics and methodological studies of mathematical practice, past and present.

  For more information about the *RSL*, including a complete listing of its Editors and Advisory Board, visit `http://www.aslonline.org/journals-review.html`.
- REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES. The ASL offers reduced dues for individual and institutional members in developing economies. For 2009, the reduced dues are US$18 for individuals and US$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`.

- REDUCED DUES FOR UNEMPLOYED MEMBERS. The ASL now offers reduced dues for individual members who are unemployed. For 2009, 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`.

- DISCOUNTED SUBSCRIPTION RATE TO *Philosophia Mathematica* FOR ASL MEMBERS. Oxford Journals, part of Oxford University Press, now offers ASL members a discounted rate on personal subscriptions (print, with free online access) to the journal *Philosophia Mathematica*. The discounted price for 2009 is $26 ($52, 39 euros). ASL members can order a subscription either at `http://philmat.oxfordjournals.org/` (where more information about the journal may be found) or by writing to: Oxford University Press, 2001 Evans Road, Cary NC 27513, USA (Tel: +1 919-677-0977 or 1-800-852-7323 (toll-free in USA/Canada); Fax: +1 919-677-1714).

- 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.

- SPECIAL SALE OF ASL BOOKS. For a limited time, 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 volumes, 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`.

- STUDENT TRAVEL AWARDS: THE 2009 ASL NORTH AMERICAN ANNUAL MEETING, 2009 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 2009 ASL North American Annual Meeting in Notre Dame, Indiana, or the 2009 ASL European Summer Meeting in Sofia, Bulgaria; 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 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 2009 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of March 9, 2009, by the Program Chair: A. Urquhart, Department of Computer Science, Sandford Fleming Bldg., 10 King's College Rd., Univ. of Toronto, Toronto, Ontario M5S 3G4, Canada; Fax: 416-978-8703; email: `urquhart@cs.toronto.edu`. Applications by email are preferred.

For the 2009 ASL European Summer Meeting, applications and recommendations should be received before the deadline of March 30, 2009, by the Organizing Committee: Logic Colloquium 2009, Department of Mathematical Logic, Faculty of Mathematics and Informatics, Sofia University, 5 James Bourchier Blvd., 1164 Sofia, Bulgaria; email: `lc2009@fmi.uni-sofia.bg`.

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.

- 2008-09 ASL Winter Meeting (with APA). *December* 27–30, 2008, *Philadelphia, Pennsylvania*. This meeting will be held jointly with the Annual Meeting of the Eastern Division of the American Philosophical Association. The program includes three invited sessions. For the first, a panel on *Historical Ideals of Rigor in Mathematics*, the invited speakers are: J. Folina, D. Jesseph, and D. Schlimm. The second invited panel, on *Diagrammatic Reasoning in Mathematics*, includes the following speakers: E. Grosholz, K. Manders, and S.-J. Shin. The speaker for the third invited session is S. Kripke, whose talk is entitled, *The Collapse of the Hilbert Program*. The members of the Program Committee are W. Ewald (Chair), J. Floyd, and M. Hallett.
- 2008-09 ASL Winter Meeting (with Joint Mathematics Meetings). *January* 7–8, 2009, *Washington, DC*. This meeting will take place in conjunction with the Joint Mathematics Meetings. The invited speakers include: B. Csima, I. Epstein, R. Moosa, C. Rosendal, Jouko Väänänen, and A. Visser. In addition to the ASL program, there will be two joint AMS-ASL Special Sessions: "Logic and Dynamical Systems," organized by S. Simpson, "Model Theoretic Methods in Finite Combinatorics," organized by M. Grohe and J. Makowsky. The members of the Program Committee are A. Enayat (Chair), S. Thomas, and R. Weber.
- 2009 ASL North American Annual Meeting. *May* 20–23, 2009, *Notre Dame, Indiana*. The members of the Program Committee are: R. Heck, W. Henson, J. Knight, R. Moosa, A. Urquhart (Chair), and M. Zeman. The members of the Local Organizing Committee include: T. Bays, P. Blanchette, S. Buechler, P. Cholak, M. Detlefsen (Co-chair), C. Franks, J. Knight, and S. Starchenko (Co-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 February 9, 2009, 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`.
- 2009 ASL European Summer Meeting (Logic Colloquium '09). *July* 31–*August* 5, 2009, *Sofia, Bulgaria*. The Program Committee includes: S. Abramsky, K. Ambos-Spies, J. Bagaria (Chair), F. Ferreira, M. Goldstern, E. Grädel, E. Hrushovski, T. Hyttinen, Y. Moschovakis, M. Otero, S. Shapiro, I. Soskov, and W.H. Woodin. The Local Organizing Committee includes: D. Dobrev, D. Guelev, L. Ivanov, S. Nikolova, S. Passy, A. Soskova (Chair), M. Soskova, M. Yanchev, and A. Zinoviev. For further information, visit `http://lc2009.fmi.uni-sofia.bg/`.

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 April 15, 2009 at the official meeting address: Logic Colloquium 2009, Department of Mathematical Logic, Faculty of Mathematics and Informatics, Sofia University, 5 James Bourchier Blvd., 1164 Sofia, Bulgaria; email: `lc2009@fmi.uni-sofia.bg`.

- 2010 ASL North American Annual Meeting. *March* 17–20, 2010, *Washington*, *D.C.* The Local Organizing Committee includes: A. Enayat, A. Eskandarian, J. Goodrick, V. Harizanov (Chair), and A. Kolesnikov.
- 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` . *The rules were recently revised and all authors who wish to submit abstracts are urged to consult the new rules*. 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.
- Third Indian Conference on Logic and its Applications. *January* 7–11, 2009, *Chennai*, *India*. The invited speakers thus far include: J. van Benthem, R. Goré, J. Hamkins, J. Makowsky, R. Parikh, and M. Vardi. The Co-chairs of the Program Committee are: R. Ramanujam and S. Sarukkai. The Chair of the Organizing Committee is S. P Suresh. For further information, visit `http://ali.cmi.ac.in/icla2009/index.html`. (ASL Sponsored Meeting.)
- Young Researchers in Set Theory Workshop 2009. *April* 6–10, 2009, *Barcelona*, *Spain*. The aim of this conference, to be hosted by the Centre de Recerca Mathemàtica (CRM), is to bring together Ph.D. students and postdocs 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: M. Dzamonja, M. Gitik, E. Schimmerling, and B. Velickovic. The Local Organizing Committee includes: D. Aspero, N. Castells, M.A. Moto, and J. Veldman. For further information, visit `http://www.math.uni-muenster.de/logik/YS09/`. (ASL Sponsored Meeting.)
- Fourth Conference on Logic, Computability and Randomness. *June* 29–*July* 3, 2009, *Marseille*, *France*. This event, to be held at the International Center for Mathematical Meetings (CIRM), will focus on algorithmic randomness (Kolmogorov complexity) and its connections to classical computability and degrees, combinatorics, computable analysis (measures, martingales, Hausdorff dimension, etc.), computational complexity and pseudo-randomness, dynamical systems, and mathematical logic. The Local Organizing Committee includes: L. Bienvenu, B. Durand, and A. Shen. The members of the Steering Committee are: V. Becher, R. Downey, B. Durand, D. Hirschfeldt, W. Merkle, and A. Shen. For further information, visit `http://www.lif.univ-mrs.fr/lce/index.html`. (ASL Sponsored Meeting.)
- Twenty-fourth Annual IEEE Symposium on Logic in Computer Science (LICS 2009). *August* 11–14, 2009, *Los Angeles*, *California*. 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 2009 will be co-located with the Sixteenth International Static Analysis Symposium (SAS 2009). The LICS Program Chair is A. Pitts, the LICS General Chair is M. Abadi, and the LICS Conference Chair is J. Palsberg. For further information about LICS, visit `http://www2.informatik.hu-berlin.de/lics/lics09/index.html`;

for additional information about SAS 2009, visit `http://sas09.cs.ucdavis.edu/`. (ASL Sponsored Meeting.)

- Symposium on Logical Foundations of Computer Science (LFCS 2009). *January* 3–6, 2009, *Deerfield Beach*, *Florida*. The LFCS series focuses on areas of fundamental theoretical logic related to computer science. The members of the LFCS Steering Committee are: S. Cook, D. van Dalen, Y. Matiyasevich, J. McCarthy, A. Nerode (General Chair), J.A. Robinson, G. Sacks,and D. Scott. The Chair of the Program Committee for LFCS 2009 is S. Artemov, and the Chair of the Local Organizing Committee is R. Lubarsky. For further information, visit `http://lfcs.info/lfcs09/`.

- Very Informal Gathering of Logicians. *January* 30–*February* 1, 2009, *Los Angeles*, *California*. The fifteenth in a series of logic meetings at UCLA that began in 1976, this event in part is in honor of John Steel on the occasion of his sixtieth birthday. Its focus is on areas of logic related to Steel's work, including descriptive set theory, inner models, recursion theory, reverse mathematics, and philosophy of mathematics. The invited speakers include: G. Hjorth, A. Louveau, P. Maddy, A. Miller, W. Mitchell, I. Neeman, S. Simpson, T. Slaman, and W.H. Woodin. The organizers are A. Kechris, E. Schimmerling, and the logicians at UCLA. Travel grants to attend the gathering are available for graduate students and junior faculty members without federal research grants; mathematicians from underrepresented groups are especially encouraged to apply. Funding for the meeting is provided by the National Science Foundation and the UCLA Logic Center. For further information visit `http://www.math.ucla.edu/~ineeman/Conf/SteelVIG.htm`.

- Twelfth International Conference on Database Theory (ICDT 2009). *March* 23-26, 2009, *St. Petersburg*, *Russia*. This event provides a forum for the communication of research advances on the principles of database systems. It will be held jointly with the Twelfth International Conference on Extending Database Technology (EDBT 2009), and hereafter ICDT and EDBT will be a joint annual event. The keynote speakers for ICDT 2009 are G. Gottlob and V. Vianu. The Program Chair is R. Fagin For further information, visit `http://www.math.spbu.ru/edbticdt/`.

- Federated Conference on Rewriting, Deduction, and Programming RDP'09. *June* 28–*July* 3, 2009, *Brasilia*, *Brazil*. This event comprises the Twentieth International Conference on Rewriting Techniques and Applications (RTA'09) and the Ninth International Conference on Typed Lambda Calculi and Applications (TLCA'09). In addition, the School on Rewriting, Type Theory, and Applications will take place the week prior to RDP. The TLCA'09 Program Chair is P.-L. Curien and the RTA'09 Program Chair is R. Treinen. For further information, visit `http://www.pps.jussieu.fr/~treinen/rdp09/cfwp.html`.

- Twentieth European Summer School in Logic, Language and Information (ESSLLI-2009). *July* 20–31, 2009, *Bordeaux*, *France*. 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. ESSLLI-2009 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2009 visit `http://esslli2009.labri.fr/`; for further information about FoLLI, visit `http://www.folli.org`.

- Computability: Computable Functions, Logic, and the Foundations of Mathematics (3rd edition). Authors: W. Carnielli and R.L. Epstein (Advanced Reasoning Forum, 2008). For the hardcover edition (ISBN: 9780981550725), visit `http://www.powells.com/biblio?isbn=978-0-9815507-2-5`; for the e-book edition (ISBN: 9780981550732, visit `http://www.powells.com/cgi-bin/biblio?inkey=91-9780981550732-0`.