THE BULLETIN OF SYMBOLIC LOGIC
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NOTICES

- ASL NEWSLETTER VIA EMAIL. The ASL Newsletter is now being 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, please notify the ASL's subscription fulfillment agent at `asl-service@ams.org`.

- 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 all the 2008 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`.

- 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`.

- 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 1936–2004 and *The Bulletin of Symbolic Logic* for the years 1995–2008 is available to all ASL members via JSTOR. To obtain your temporary username and password, or if you have misplaced your account information, contact the ASL Member Service provider at the American Mathematical Society at `asl-service@ams.org`. 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`.

- Student Travel Awards: The 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 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.

- 2009 ASL North American Annual Meeting. *May* 20–23, 2009, *Notre Dame, Indiana*. The invited speakers include: P. Blanchette, I. Ben Yaacov, K. Fine, J. Krajíček, H. Mildenberger, A. Nies, A. Pillay, A. Razborov, A. Shlapentokh, J. Steel, and B. Zilber. Alekos Kechris will deliver a retiring presidential address. The following special sessions also are planned: complexity of propositional proofs, computability theory, model theory, set theory, and the structural view of mathematical objects. 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). For further information, visit `http://www.math.nd.edu/conferences/asl09`.

- 2009 ASL European Summer Meeting (Logic Colloquium '09). *July* 31–*August* 5, 2009, *Sofia, Bulgaria*. The twentieth annual Gödel Lecture will be delivered by R. Shore. Special sessions are planned on category theory and logic, computability theory, model theory, philosophical logic, and set theory. 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 members of the Program Committee are: W. Gasarch, J. Hamkins, A. Kolesnikov, R. Rynasiewicz, P. Selinger, and R. Solomon (Chair). 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.

- Young Researchers in Set Theory Workshop 2009. *April* 14–18, 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.)

- ESI Workshop on Large Cardinals and Descriptive Set Theory. *June* 14–27, 2009, *Vienna, Austria.* This two-week event, open to the set theory community at large, will take place at the Erwin Schroedinger Institute (ESI). The Program Committee includes: S. Friedman (Chair), M. Goldstern, R. Jensen, A. Kechris and W.H. Woodin. The emphasis in the first week will be on large cardinals, and in the second week on descriptive set theory. Note that this division is not strict, and all set-theorists are welcome to participate during either week. Funding is provided by the ESI, the Austrian Science Fund (FWF), and other sources. There is no conference fee and registration is not required. Limited financial support is available. For more information, visit `http://www.logic.univie.ac.at/conferences/2009_esi/` or contact J. Kellner at `esi2009@logic.univie.ac.at`. (ASL Sponsored Meeting.)

- Eleventh Asian Logic Conference. *June* 22–27, 2009, *Singapore, Republic of Singapore.* The invited speakers include: K. Ambos-Spies, T. Arai, B. Baizhanov, J. Baldwin, R. Downey, I. Farah, R. Jin, I.Sh. Kallimullin, P. Koellner, M. Lerman, M. Magidor, M. Rathjen, G. Sacks, S. Simpson, T. Slaman, F. Stephan, and W.H. Woodin. The Program Committee members are: R. Downey, Q. Feng (Chair), B. Kim, T. Slaman, A. Tsuboi, H. Woodin and Y. Yang. The members of the Local Organizing Committee are: Q. Feng, F. Stephan, G. Wu and Y. Yang (Chair). For further information, visit `http://www.ims.nus.edu.sg/Programs/09asianlogic/index.htm`. (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.)

- International Workshop on the ACL2 Theorem Prover and Its Applications (ACL2 2009). *May* 11–12, 2009, *Boston*, *Massachusetts*. This event, the eighth in a series, is a major forum for the presentation of research related to the ACL2 theorem prover and its application. It is organized in cooperation with ACM SIGPLAN. The Co-chairs of the Program Committee are S. Ray and D. Russinoff. For more information, visit `http://www.cs.utexas.edu/~sandip/acl2-09/`.
- 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`.
- Sixteenth International Symposium on Temporal Representation and Reasoning (TIME 2009). *July* 23–25, 2009, *Brixen*, *Italy*. This annual event brings together researchers from all areas of computer science that involve temporal representation and reasoning. The program includes three tracks: temporal representation and reasoning in AI, temporal database management, and temporal logic and verification in computer science. The General Chair of the symposium is D. Toman; the Program Committee Chairs are C. Lutz and J.-F. Raskin; and the Organization Chair is A. Artale. The deadline for submission of abstracts is April 6, 2009; for papers the deadline is April 9, 2009. For further information, visit `http://www.inf.unibz.it/krdb/events/time-2009/`.
- Twenty-second International Conference on Automated Deduction (CADE 2009). *August* 2–7, 2009, *Montreal*, *Canada*. This annual event is the major forum for the presentation of research in all aspects of automated deduction. The invited speakers include: K. Korovin, M. Rinard, and M. Stickel. The General Chair is B. Pientka and the Program Chair is R. Schmidt. For further information, visit `http://complogic.cs.mcgill.ca/cade22/`.
- 2008 Ackermann Award Winner. The European Association for Computer Science (EASCSL) has announced the winner of its 2008 Outstanding Dissertation Award for Logic in Computer Science, the Ackermann Award: Krishnendu Chatterjee for his thesis, "Stochastic ω-regular games" (University of California, Berkeley; Advisor: Thomas A. Henzinger). The Jury members were: J. van Benthem, B. Courcelle, M. Grohe, M. Hyland, J. Makowsky, D. Niwinski, G. Plotkin, and A. Razborov. For further information, visit `http://users.dimi.uniud.it/eacsl/award.html`.