THE BULLETIN OF SYMBOLIC LOGIC
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# NOTICES

- THE 2013 ASL ELECTION. At the end of this year the ASL will elect a Secretary-Treasurer, two members of the Executive Committee of the Council, and two members of the Council. All terms are for three years beginning January 1, 2014. The ballot was sent to all ASL members in mid-November. The 2013 Nominating Committee has nominated Charles Steinhorn (Vassar) as Secretary-Treasurer, Joan Bagaria (Barcelona) and Rod Downey (Victoria University of Wellington) for the Executive Committee positions, and Alessandro Andretta (Torino) and Patricia Blanchette (Notre Dame) for the Council positions. The Nominating Committee consisted of Julia Knight (Chair), Stephan Kreutzer, Penelope Maddy, Alf Onshuus, Martin Otto, Richard Shore, Katrin Tent, Andreas Weiermann, and Philip Welch.
- CALL FOR PROPOSALS: 2015 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 Antonio, January 10–13, 2015. Proposals or requests for further information should be sent to the Committee Chair, Matt Valeriote (email: `matt@math.mcmaster.ca`). The deadline for receipt of proposals is January 6, 2014.
- 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`.
- FREE INDIVIDUAL ASL MEMBERSHIP PROGRAM FOR INDIVIDUALS IN DEVELOPING ECONOMIES. The ASL invites applications for an initial two-year free membership in the Association for new or lapsed members from countries classified as developing economies. The list, found at `http://www.aslonline.org/worldbankeconomies.html`, includes Brazil, Bulgaria, China, Colombia, India, Iran, Russia, South Africa, and many other countries classified as 'upper middle income' or below on the World Bank's annual list for four of the last five years. To apply, please send an email to the ASL Committee on Membership at `asl-membership@googlegroups.com`. Include your name, full mailing address, and your academic affiliation. For information about the ASL and membership benefits visit `http://www.aslonline.org/membership-individual.html`. After the initial two-year period new members under this program will pay the reduced membership dues, currently at US$18 (see below), as long as their country of residence is on the ASL's list of developing economies.
- REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES. The ASL offers reduced dues for individual and institutional members in developing economies. New individual members are eligible for the 50% discount during each of the first two years of membership as mentioned above. For 2014, the reduced dues are US$18 for individuals, US$130 for institutional basic membership, and US$180 for institutional 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`.
- 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 2014 are US$44. 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`.

- 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 2014 ASL North American Annual Meeting, 2014 ASL European Summer 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 2014 ASL North American Annual Meeting in Boulder, Colorado and the 2014 ASL European Summer Meeting in Vienna, Austria. 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 in accordance with the Fly America Act. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

  For the 2014 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of March 10, 2014, by the Program Chair: Marcia Groszek, Department of Mathematics, 6188 Kemeny Hall, Dartmouth College, Hanover, NH 03755-3551 USA; Fax: 603-646-1312; email: `marcia.groszek@dartmouth.edu`. Applications by email are preferred.

  For the 2014 ASL European Summer Meeting, applications and recommendations should be received before the deadline of March 31, 2014, by the Organizing Committee: Kurt-Gödel-Gesellschaft, c/o Technische Universität Wien, Institut für Computersprachen E185.2, Favoritenstraße 9-11, A-1040 Vienna, Austria; email: `lc2014@logic.at`. Applications by email are preferred.

  For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2014 North American Annual Meeting and the 2014 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.
- 2013-14 ASL Winter Meeting (with Joint Mathematics Meetings). *January* 17–18, 2014, *Baltimore, Maryland.* This meeting will take place in conjunction with the Joint Mathematics Meetings, to be held on January 15–18, 2014. The invited speakers include: J. Avigad, D. Dzhafarov, S. Gao, J. Hamkins, M. Malliaris, and A. Medvedev. The Program Committee members are A. Dow (Chair), K. Lange, and D. Lippel. The meeting also includes the joint

AMS-ASL Special Session, *Logic and probability*, co-chaired by W. Calvert, D. Cenzer, J. Franklin, and V. Harizanov.

- 2013-14 ASL Spring Meeting (with APA). *April* 16–17, 2014, *San Diego*, *California*. This meeting will be held jointly with the Annual Meeting of the Pacific Division of the American Philosophical Association, April 16–20, 2014. The invited portion of the program includes three panels: *New work on intensional and epistemic logic*, chaired by S. Walsh with the speakers S. Artemov, J. Horty, and D. Tucker; *Formalism today*, chaired by Z. Damnjanovic with the speakers M. Ganea, E. Nelson, and A. Weir; and, *Metalogic and early analytic philosophy*, chaired by E. Reck with the speakers P. Blanchette, G. Schiemer, and R. Zach. The members of the Program Committee are Z. Damnjanovic, E. Reck (Chair), and S. Walsh.
- 2014 ASL North American Annual Meeting. *May* 19–22, 2014, *Boulder*, *Colorado*. The invited speakers are: L. Barto, B. Csima, V. de Paiva, J. Hirst, M. Hrusak, A. Kolesnikov, A. Marks, M.C. Laskowski, and S. Walsh. Special sessions (with organizers in parentheses) include: Model theory (P. Hieronymi and J. Marikova), Philosophical aspects of games and social algorithms (R. Parikh), Recursion theory (O. Levin and R. Solomon), Set theory in honor of Rich Laver (J. Larson and W. Mitchell), and Universal algebra (A. Szendrei and R. Willard). The members of the Program Committee are: M. Groszek (Chair), A. Kanamori, K. Kearnes, J. Marikova, S. Thomas, and H. Towsner. The Local Organizing Committee includes: N. Dobrinen, G. Forbes, N. Galatos, K. Kearnes (Chair), D. Monk, and A. Szendrei.

  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 21, 2014, 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`.
- 2014 ASL European Summer Meeting (Logic Colloquium '14). *July* 14–19, 2014, *Vienna*, *Austria*. Logic Colloquium '14 will take place during the Vienna Summer of Logic (see below). The invited speakers include: A. Bauer, P. Blanchette, V. Fischer, N. Greenberg, L. Kołodziejczyk, B. Miller, M. Reynolds, M. Soskova, and A. Visser. The twenty-fifth annual Gödel Lecture also will be delivered. Tutorials will be offered by K. Apt and A. Miquel. Special Sessions (with organizers in parentheses) that are planned include: Logic of games/rational choice (R. Ramanujam), Model theory (Z. Chatzidakis), Philosophy of mathematics (M. Leng) Recursion theory (E. Fokina and D. Turetsky), and Set theory (M. Goldstern and P. Koellner). The Program Committee members are: Z. Adamowicz, J. Avigad (Chair), M. Bezem, S. Friedman, J. Koenigsman, K. Lodaya, P. Oliva, T. Slaman, and R. Zach. The Local Organizing Committee includes: M. Baaz (Chair), A. Ciabattoni, S. Eberhard, M. Goldstern, and S. Hetzl (Co-chair). For further information, visit `http://vsl2014.at/`.

  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 should be submitted by the deadline of March 28, 2014 at `https://www.easychair.org/conferences/?conf=lc2014`.
- 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.

- Twenty-Third EACSL Annual Conference (CSL) and Twenty-ninth Annual ACM/IEEE Symposium on Logic in Computer Science (LICS 2014). *July* 14–18, 2014, *Vienna, Austria*. The organizers of these two series of meetings have chosen to join the 2014 editions into a single event within the Sixth Federated Logic Conference (FLoC 2014) that will take place during the Vienna Summer of Logic 2014 (see below). CSL is the annual meeting of the European Association for Computer Science Logic (EACSL) intended for computer scientists whose research activities involve logic, as well as for logicians working on issues significant for computer science. The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic. The Program Committee Chairs are T.A. Henzinger and D. Miller, the Workshop Chairs are P. Bouyer-Decitre and G. Moser, and the members of the Local Organizing Committee are K. Chatterjee and J. Otop. For further information, visit `http://lii.rwth-aachen.de/lics/csl-lics14/index.html`. (ASL Sponsored Meeting.)
- XVI Latin American Symposium on Mathematical Logic (SLALM 2014). *July* 28–*August* 1, 2014, *Buenos Aires, Argentina*. The members of the Program Committee are: J. Bagaria, X. Caicedo, W. Carnielli, R. Cignoli (Chair), R. de Queiroz, C. Di Prisco, J. Iovino, F. Montagna, T. Slaman, and C. Steinhorn. The Local Organizing Committee includes: M. Busaniche, J. Legris, R. Rodríguez, H. San Martín, and P. Sánchez Terraf. (ASL Sponsored Meeting.)
- Mathematical Structures of Computation (SMC 2014). *January* 13–*February* 14, 2014, *Lyon, France*. This program consists of the following five consecutive workshops (with dates in parentheses): Recent Developments in Type Theory (January 13-17), Algebra and Computation (January 20-24), Directed Algebraic Topology and Concurrency (January 27-31), Formal Proof, Symbolic Computation and Computer Arithmetic (February 3-7), and Concurrency, Logic and Types (February 10-14). The organizers are P. Baillot, Y. Guiraud, and P. Malbos. For further information, visit `http://smc2014.univ-lyon1.fr`.
- Eleventh Annual Conference on Theory and Applications of Models of Computation (TAMC 2014). *April* 11–13, 2014, *Chennai, India*. The Conference Chair is T.V. Gopal and the Co-Chair is M. Agrawal. For further information, visit `http://www.annauniv.edu/tamc2014/`.
- Vienna Summer of Logic 2014. *July* 9–24, 2014, *Vienna, Austria*. This event consists of several co-located conferences organized in three streams: Logic in Computer Science / Federated Logic Conference; Mathematical Logic; and Logic in Artificial Intelligence. Eight conferences are included in the Logic in Computer Science / Federated Logic Conference stream: the Twenty-sixth International Conference on Computer-Aided Verification (CAV), the Twenty-seventh IEEE Computer Security Foundations Symposium (CSF), the Thirtieth International Conference on Logic Programming (ICLP), the Seventh International Joint Conference on Automated Deduction (IJCAR), the Fifth Conference on Interactive Theorem Proving, the ASL-sponsored Joint meeting of the Twenty-third EACSL Annual Conference on Computer Science Logic (CSL) and the Twenty-ninth ACM/IEEE Symposium on Logic in Computer Science (LICS), the Twenty-fifth International Conference on Rewriting Techniques and Applications (RTA) joint with the Twelfth International Conference on Typed Lambda Calculi and Applications (TLCA), and the Seventeenth International Conference on Theory and Applications of Satisfiability Testing (SAT). The Mathematical Logic stream includes four conferences: the European Summer Meeting of the ASL (Logic Colloquium 2014), the Infinity Workshop, Logic, Algebra and Truth Degrees 2014, and the Kurt Gödel Fellowship Conference. The three conferences in the Logic in Artificial Intelligence stream are: the Fourteenth International Conference on Principles of Knowledge Representation and Reasoning (KR), the Twenty-seventh International Workshop on Description Logics

(DL), and the Fifteenth International Workshop on Non-Monotonic Reasoning (NMR). The Organizing Committee for the Vienna Summer of Logic includes: M. Baaz (Chair), A. Ciabattoni, T. Eiter, A. Leitsch, G. Gottlob, T. Henzinger, V. Sabljakovic-Fritz, S. Szeider, H. Veith, and S. Woltran. For further information, visit `http://vsl2014.at/`.

- Advances in Modal Logic (AiML) 2014. *August* 5–8, 2014, *Groningen, The Netherlands.* This is the tenth conference in a series aimed at presenting an up-to-date picture of the state of the art in modal logic and its many applications. The Co-chairs of the Program Committee are R. Gore and A. Kurucz. The Chair of the Organizing Committee is B. Kooi. The deadline for submission of full papers is March 21, 2014, and for abstracts for short presentations the deadline is May 12, 2014. For further information visit `http://www.philos.rug.nl/AiML2014/`.

- Twenty-sixth European Summer School in Logic, Language and Information (ESSLLI-2014). *August* 11–22, 2014, *Tübingen, Germany.* The European Summer School in Logic, Language and Information brings together logicians, linguists, computer scientists, and philosophers to study language, logic, and information, and their interconnections. 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 F. Veltman and the Local Co-chair is C. Ebert. The Chair of the Organizing Committee is G. Jäger. ESSLLI-2014 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2014, visit `http://www.esslli2014.de/`; for further information about FoLLI, visit `http://www.folli.org`.

- New ASL Perspectives in Logic Volume: *Lambda Calculus with Types*. Authors: H. Barendregt, W. Dekkers, and R. Statman (Cambridge University Press, 2013, ISBN: 9780521766142) `http://www.cambridge.org/us/academic/subjects/mathematics/logic-categories-and-sets/lambda-calculus-types?format=HB`.

  To see all new books in the ASL's *Lecture Notes in Logic* and *Perspectives in Logic* series, visit `http://www.aslonline.org/books-lnl-available.html` for LNL volumes, and `http://www.aslonline.org/books-perspectives_cup_springer.html` for Perspectives volumes.

- Assistant or Associate Professorship, Kurt Gödel Research Center, Vienna. A position is available for a tenure-track assistant professor or a tenured associate professor in mathematical logic. Applicants should show an outstanding record in research, teaching, and acquisition of research funding, as well as the potential for enhancing the scientific profile of the University of Vienna. Applications consist of a description of prior achievements and future plans in research and teaching, together with a complete cv, including a list of publications, lectures given and grants received. Applications are made at the job website of the University of Vienna, `http://jobcenter.univie.ac.at/` (click on "English" on the right side of the page, then on "Tenure-Track positions" near the bottom of the page). The deadline to apply is January 31, 2014. For further information about the position contact the Gödel Center director, S.-D. Friedman, at `sdf@logic.univie.ac.at`.

- Call for Papers: *Making Automated Reasoning Practical*: *Essays in Memory of Mark Stickel*. This volume, planned for publication as an LNAI Festschrift with Springer, is intended to be a collection of articles presenting research in all aspects of automated reasoning, in particular the design of automated reasoning systems and their applications. The editors are P. Baumgartner and R. Waldinger. The deadline for submission is March 1, 2014. Electronic submission via EasyChair may be made at `https://www.easychair.org/conferences/?conf=festschriftmarkstick`.