Association for Symbolic Logic

Business Office: Box 742, Vassar College
124 Raymond Avenue, Poughkeepsie, New York 12604, USA
Fax: 1-845-437-7830; email: asl@vassar.edu
WWW: http://www.aslonline.org

ASL NEWSLETTER April 2008

- **New Member Benefit: *The Review of Symbolic Logic.*** Beginning in 2008, individual ASL members will receive the new ASL journal, *The Review of Symbolic Logic*, as an additional benefit of membership. Publication of the *RSL* by Cambridge University Press will commence in June 2008, and members should receive the first issue shortly thereafter.

  Joining *The Journal of Symbolic Logic* and *The Bulletin of Symbolic Logic* as the third official organ of the Association, the *RSL* will publish 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 founding Editors and Advisory Board, visit `http://www.aslonline.org/journals-review.html`.

- **ASL Membership Dues Increase.** By action of the ASL Council, in the year 2009 the dues for individual membership in the Association will increase to US$82; in 2008 the dues are US$76, and they have been at this rate since 2006. (For student members, the 2009 dues will be US$41 and in 2008 they are US$38, as they have been since 2006.) According to the ASL Constitution, if by August 1, 2008, at least 5 percent of the individual members petition the Secretary-Treasurer, the increase in dues would have to be approved in the 2008 ASL Election by a majority of those voting.

- **ASL Newsletter via Email in September 2008.** Beginning in September 2008, 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. Details on how to exercise this "opt out" privilege and to verify that the email address that the ASL has is correct were distributed with the 2008 membership renewal form. An "opt out" form is included in this Newsletter mailing also.

- **2008 Sacks Prize.** The ASL invites nominations for the 2008 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2008. 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 2008 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, 2007, and September 30, 2008, 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.

- **Call for Proposals: 2011 Annual Meeting.** The ASL Committee on Meetings in North America requests proposals for the 2011 ASL Annual meeting, to be held sometime in the first five months of 2011. The committee seeks a university somewhere in North America and a local committee to host the meeting and handle the local arrangements. The ASL meetings ordinarily cycle geographically in the pattern: West (Irvine 2008), Midwest (Notre Dame 2009), East (site for 2010 still to be determined). Thus, for 2011 the committee seeks a location in the West. Any reasonable proposal, however, will be considered. For more information, interested parties should contact the Committee Chair, Jeremy Avigad (email: `avigad@cmu.edu`) no later than November 1, 2008.
- **Call for Proposals: 2010 AMS-ASL Joint Special Session.** The ASL Committee on Meetings 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.
- **Reduced Dues for Individuals and Institutions in Developing Economies.** In 2003, the ASL approved a program to offer reduced dues for individual and institutional members in developing economies. For 2008, 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`.
- **Special Journal Discount Offer for ASL Members.** The publisher Taylor & Francis is offering ASL members a discounted rate on personal print-only subscriptions to the journal *History and Philosophy of Logic*. The discounted price for a 2008 subscription is $72US /£44. ASL members can order online at `http://www.tandf.co.uk/journals/offer/thpl-so.asp`. Alternatively, ASL members can write to the following address, stating that they are members of the ASL and that the subscription is for their personal use only: Zoe Sternberg, Taylor & Francis, 4 Park Square, Milton Park, Abingdon, Oxford, OX14 4RN England; Email: `zoe.sternberg@tandf.co.uk`. For more information about the journal, visit `http://www.informaworld.com/hpl`.

ASL MEETINGS

- **Student Travel Awards: ASL or ASL-Sponsored Meetings.** The ASL will make available modest travel awards to graduate students in logic to attend 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 to the ASL Annual Meeting and the European Summer Meeting is supported by a grant from the US National Science Foundation; NSF funds may be awarded only to students at US 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 ASL student member travel grants to ASL or ASL-sponsored meetings (other than the Annual Meeting and European Summer Meeting, details for which are announced separately), 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 ASL European Summer Meeting (Logic Colloquium '08).** *July 3–8, 2008, Bern, Switzerland.* The invited speakers include: M. Ajtai, A. Kanamori, R. Kossak, H. Leitgeb, A. Martin-Pizarro, J.S. Miller, J. van Oosten, T. Scanlon, S.G. Simpson, L. Soukup, T. Strahm, and M. Viale. Tutorials will be offered by A. Pillay, M. Rathjen, and S. Todorcevic. Special sessions are planned on computability and arithmetic, logic and computer science, model theory, and set theory. The Program Committee includes: A. Berarducci, J. Duparc, M. Džamonja, A. Enayat, G. Jäger, P. Kowalski, J. Krajíček, D. Marker, A. Nies, W. Tait, S. Thomas, B. Velickovic, A. Visser, and A. Wilkie (Chair). The Local Organizing Committee includes: L. Alberucci, K. Brünnler, B. Choffat, G. Jäger (Chair), J. Krähenbühl, R. McKinley, D. Probst, J. Schmid, D. Spescha, T. Strahm, and T. Studer. For more information, visit `http://www.lc08.iam.unibe.ch/`. An information sheet with a registration form is included in this Newsletter mailing.

  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 18, 2008 at the official meeting address: Logic Colloquium 2008, Institute of Computer Science and Applied Math., Neubrueckstrasse 10, CH-3012 Bern, Switzerland; email: `lc08@iam.unibe.ch`.

- **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 members of the Program Committee are W. Ewald (Chair), J. Floyd, and M. Hallett. 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 8, 2008, 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`.

- **2008-09 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 5–8, 2009, Washington, DC.* This meeting will take place in conjunction with the Joint Mathematics Meetings. The members of the Program Committee are A. Enayat (Chair), S. Thomas, and R. Weber. 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 12, 2008, 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 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).

- **Rules for Abstracts.** The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at `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.

- **XIV Simposio Latinoamericano de Lógica Matemática (SLALM).** *May 11–17, 2008, Paraty-Rio de Janeiro, Brazil.* This event will be held simultaneously with the Thirtieth Anniversary of the Centre for Logic, Epistemology and the History of Science, UNICAMP (CLE 30) and the Fifteenth Brazilian Logic Conference (XV EBL). The Program Committee Chair is N.C.A. da Costa and the Co-chairs of the Organizing Committee are W. Carnielli, M. Coniglio, and I. D'Ottaviano. As in previous symposia, a Logic School will precede the symposium on May 7–9, and offer the following short courses: Lógica condicional (H. Arló Costa), Intuicionismo (X. Caicedo), Semânticas de traduções possíveis (W. Carnielli), Combinações entre lógicas (M. Coniglio), Aristotle, Boole and Tarski—three philosophies of logic (J. Corcoran), and Traduções entre lógicas (I. D'Ottaviano). For further information, visit `http://www.cle.unicamp.br/cle30-ebl-slalm/index.php?pag=abertura.php`.
- **2008 Conference on Computability, Complexity and Randomness (CCR2008).** *May 19–23, 2008, Nanjing, China.* The invited speakers are: C.T. Chong, N. Greenberg, B. Kjos-Hanssen, S. Lempp, A. Montalban, A. Nies, J. Reimann, S. Simpson, T. Slaman, F. Stephan, and X. Zhao. The members of the Program Committee are: V. Becher, R. Downey, D. Hirschfeldt, J. Lutz, W. Merkle, J. Miller, and L. Yu. The Local Organizers are D. Ding and L. Yu. For further information, visit `http://ims.nju.edu.cn/conference/randomness/`.
- **Computability in Europe 2008 (CiE 2008): Logic and Theory of Algorithms.** *June 15–20, 2008, Athens, Greece.* This meeting is being organized within the network "Computability in Europe" (CiE). The particular focus of the event is on bridging the gap from the logical methods of mathematical and meta-mathematical flavor to the applied and industrial questions that are involved in devising and choosing the right algorithms and analyzing their effectiveness and efficiency. There will be tutorials on "Applied Computability: A European Perspective" (J. Tucker) and applications of logic to computer science (M. Vardi). Invited speakers include: K. Devlin, R. Iemhoff, A. Kolokolova, J. Makowsky, D. Normann, P. Panangaden, C. Papadimitriou, J. van Leeuwen, and J. Wiedermann. Special sessions are planned on Algorithmic Game Theory, Algorithms in the History of Mathematics, Biology and Computation, Formalizing Mathematics and Extracting Algorithms from Proofs, Higher-type Recursion and Applications, and Quantum Algorithms and Complexity. The Co-chairs of the Program Committee are A. Beckmann and C. Dimitracopoulos. For more information, visit `http://www.cs.swansea.ac.uk/cie08/`.
- **Fifteenth International Symposium on Temporal Representation and Reasoning (TIME 2008).** *June 16–18, 2008, Montréal, Canada.* This event aims to bring together researchers from distinct areas involving the management of temporal data as well as the reasoning about temporal aspects of information. The keynote speakers are R. Kothuri, C. Lutz, and J. Worrell. The General Chair of the symposium is A. Artale; the Program Committee Chairs are S. Demri and C.S. Jensen; and the Organization Co-chairs are S. Hallé and R. Villemaire. For further information, visit `http://www.time2008.org/`.
- **Twenty-third Annual IEEE Symposium on Logic in Computer Science (LICS 2008).** *June 24–27, 2008, Pittsburgh, Pennsylvania.* 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 2008 will be co-located with the IEEE Computer Security Foundations Symposium (CSF). The LICS Program Chair is F. Pfenning, the LICS General Chair is M. Abadi, and the LICS Conference Chair is S. Brookes. For further information about LICS, visit `http://www2.informatik.hu-berlin.de/lics/lics08`; for additional information about CSF, visit `http://www.ieee-security.org/CSFWweb/`.
- **Fifteenth Workshop on Logic, Language, Information and Computation (WoLLIC'2008).** *July 1–4, 2008, Edinburgh, Scotland.* This is the fifteenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is W. Hodges. The Co-chairs of the Organizing Committee are F. Kamareddine and R. de Queiroz. For further information, visit `http://www.cin.ufpe.br/~wollic/wollic2008/`.

Newsletter continued on separate sheet

- **Fourth World Congress of Paraconsistency (WCP4).** *July 13–18, 2008, Melbourne, Australia.* Members of the Organizing Committee include: R. Brady, M. Colyvan, D. Hyde, E. Mares, C. Mortensen, G. Priest, G. Restall, and K. Tanaka. For more information, visit `http://www.philosophy.unimelb.edu.au/wcp4/`.
- **Twentieth European Summer School in Logic, Language and Information (ESSLLI-2008).** *August 4–15, 2008, Hamburg, Germany.* 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-2008 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2008, visit `http://www.illc.uva.nl/ESSLLI2008/`; for further information about FoLLI, see `http://www.folli.org`.
- **Tenth Asian Logic Conference (ALC'08).** *September 1–6, 2008, Kobe, Japan.* Tutorials will be offered by: P. Cholak, G. Hjorth, and B. Kim. The invited plenary speakers include: J. Avigad, J. Moore, K. Terui, and Y. Yue. The members of the Program Committee are: T. Arai (Chair), J. Brendle, C. T. Chong, R. Downey, Q. Feng, H. Kikyo, and H. Ono. The Local Organizing Committee includes: M. Banbara, M. Kikuchi (Chair), I. Nagasaka, and A. Suzuki. For further information, visit `http://kurt.scitec.kobe-u.ac.jp/ALC10/`.

OTHER ANNOUNCEMENTS (Also see `http://www.aslonline.org`.)

- **Call for Nominations: 2008 E. W. Beth Dissertation Prize.** The Prize is awarded annually by the Association for Logic, Language, and Information (FoLLI)) for outstanding dissertations in the fields of Logic, Language, and Information. To be eligible for nomination, a candidate must have been awarded a Ph.D. degree in the areas of Logic, Language, or Information between January 1, 2007 and December 31, 2007. There is no restriction on the nationality of the candidate or the university at which the Ph.D. was granted. The prize carries a cash award of 2,500 Euros provided by the E.W. Beth Foundation. The deadline for nominations is April 30, 2008. For further information, visit `http://folli.loria.fr/content/beth2008.html`.
- **Request for Proposals: 2009 NSF-CMBS Regional Research Conferences in Mathematical Sciences.** To stimulate interest and activity in mathematical research, the National Science Foundation intends to support up to seven NSF-CBMS Regional Research Conferences in 2009. Proposals must be submitted electronically via Fastlane to NSF unit, "Division of Mathematical Sciences – Infrastructure Program." The target date for submission of proposals is April 21, 2008. For further information and the announcement of the 2008 NSF-CBMS Regional Research Conferences, visit `http://cbmsweb.org`.

CALENDAR OF OTHER MEETINGS (Also see `http://www.aslonline.org`.)

- **Logic and Mathematics 2008.** *April 19–20, 2008, Urbana, Illinois.* The focus of the meeting is on descriptive set theory and its connections (with algebra, topology, measure theory, functional analysis, topological dynamics, combinatorics, etc.) and on model theory of metric structures and applications of the continuous version of first order logic. The invited speakers include: M. Elekes, I. Farah, B. Hart, J. Moore, L. Nguyen Van Thé, and S. Thomas. The organizers are C.W. Henson and S. Solecki. For further information, visit `http://www.math.uiuc.edu/Logic2008/`.
- **Eleventh International Conference on Theory and Applications of Satisfiability Testing (SAT 2008).** *May 12–15, 2008, Guangzhou, China.* This is the primary annual meeting for researchers studying the propositional satisfiability problem (SAT). Invited speakers include K. Iwama and A. Urquhart. The Conference Co-chairs are H. Büning and Z. Xishun. For more information, visit `http://www.upb.de/cs/SAT08`.

Calendar of other meetings continued on reverse side

- **ManyVal '08.** *May 19–21, 2008, Milan, Italy.* This series of international workshops deals with the logical and algebraic aspects of many-valued reasoning. ManyVal'08 will focus in particular on states of MV-algebras and generalizations, topological dualities in algebraic logic, measure theory on dual spaces of algebras of logics, and subjective probability and many-valued reasoning. The invited speakers include: A. Dvurencĕnskij, M. Gehrke, D. Mundici, and H. Weber. The members of the Program Committee are S. Aguzzoli, B. Gerla, and V. Marra. For further information, visit `http://manyval.dsi.unimi.it/`.
- **SIGMOD/PODS 2008.** *June 9–12, 2008, Vancouver, Canada.* This event combines the annual A.C.M. Symposium on Principles of Database Systems (PODS) and the A.C.M. Special Interest Group on Management of Data (SIGMOD) conference. PODS provides an annual forum for the communication of new advances in the theoretical foundation of database systems; SIGMOD is an international forum for database researchers, developers, and users. The Chair of the PODS Program Committee is M. Lenzerini and the Chair of the SIGMOD Program Committee is D. Shasha. For more information, visit `http://www.sigmod08.org/`.
- **Thirty-fifth International Colloquium on Automata, Languages and Programming (ICALP 2008).** *July 7–11, 2008, Reykjavik, Iceland.* This event, the annual meeting of the European Association for Theoretical Computer Science (ETACS), is focused around three tracks: Algorithms, Automata, Complexity, and Games (Program Committee Chair: L.A. Goldberg); Logic, Semantics, and Theory of Programming (Program Committee Chair: I. Walukiewicz); and a special track on Security and Cryptography Foundations (Program Committee Chair: I. Damgård). Invited speakers include: R. Canetti, B. Courcelle, J. Esparza, M. Muthukrishnan, and P. Winkler. The Conference Chairs are L. Aceto, M. Halldorsson, and A. Ingolfsdottir. For more information, visit `http://www.ru.is/icalp08.`
- **PohlersFest 2008.** *July 17–18, 2008, Münster, Germany.* On the occasion of Wolfram Pohlers' retirement, the Institute for Mathematical Logic in Münster will sponsor a colloquium and a proof theory workshop in his honor. The invited colloquium speakers are A. Beckmann, S. Feferman, and M. Rathjen. The workshop organizers are A. Beckmann, M. Rathjen, and R. Schindler. For further information, visit `http://wwwmath.uni-muenster.de/logik/Personen/rds/pohlersfest.html`.
- **Fourth International Joint Conference on Automated Reasoning (IJCAR).** *August 10–15, 2008, Sydney, Australia.* This event is the fusion of several major conferences in automated reasoning: the International Conference on Automated Deduction (CADE), the International Conference on Automated Reasoning with Analytic Tableaux and Related Methods (TABLEAUX), the International Workshop on First-Order Theorem Proving (FTP), and the Workshop on Frontiers of Combining Systems (FroCoS). The Conference Chair is P. Baumgartner, and the Program Co-chairs, in addition to the Conference Chair, are A. Armando and G. Dowek. For further information, visit `http://2008.IJCAR.org`.
- **Twenty-first International Conference on Theorem Proving in Higher Order Logics (TPHOLs 2008).** *August 18–21, 2008, Montréal, Canada.* The Organizers are O. Ait-Mohamed, C. Muñoz, and S. Tahar. For more information, visit `http://users.encs.concordia.ca/~tphols08/TPHOLs2008/index.php`.
- **Advances in Modal Logic (AiML) 2008.** *September 9–12, 2008, Nancy, France.* This is the seventh 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. Invited speakers include M. Gehrke, G. Governatori, A. Kurucz, L. Moss, and M. Zakharyaschev. The Co-chairs of the Program Committee are C. Areces and R. Goldblatt, and the local organizer is P. Blackburn. For further information visit `http://aiml08.loria.fr`.

The next Newsletter will be mailed in September, 2008. Items to be included should reach the Secretary-Treasurer before August 15, 2008.

Submitted by Charles Steinhorn, Secretary-Treasurer.