Association for Symbolic Logic

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ASL NEWSLETTER November 2007

- **The 2007 ASL Election.** Enclosed with this Newsletter is the ballot for the 2007 election for 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, 2008. The Nominating Committee consisted of Greg Hjorth, Phokion Kolaitis, Steffen Lempp (Chair), Paolo Mancosu, Anand Pillay, and Albert Visser. To be counted, ballots must be returned to the ASL office in Poughkeepsie **by December 31, 2007**. All ASL members are urged to vote.

- **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 logic and its 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 the its founding Editors and Advisory Board, visit `http://www.aslonline.org/journals-review.html`.

- **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 email addresses 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 will be distributed with the 2008 membership renewal form and in future Newsletter mailings.

- **Call for Proposals: 2009 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 Washington, DC, January 7–10, 2009. Proposals or requests for further information should be sent to the Committee Chair, Deirdre Haskell (email: `haskell@math.mcmaster.ca`). The deadline for receipt of proposals is January 23, 2008.

- **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`.

- **Reduced Dues for Unemployed Members.** The ASL now offers reduced dues for individual members who are unemployed. For 2008, the reduced dues are US$38. 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.

- **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.

- **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.

- **Book Discounts for ASL Members.** Several publishers offer discounts on books to ASL members. For a detailed description of these discounts, visit http://www.aslonline.org/books-discounts.html on the ASL website, or write to the ASL Business Office.

ASL MEETINGS

- **Student Travel Awards: The 2008 ASL Annual Meeting, 2008 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 2008 ASL Annual Meeting in Irvine, California, or the 2008 ASL European Summer Meeting in Bern, Switzerland; 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 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 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 2008 ASL Annual Meeting, applications and recommendations should be received before the deadline of December 21, 2007, by the Program Chair: M.C. Laskowski, Department of Mathematics, University of Maryland, College Park, Maryland 20742-4015, USA; Fax: 1-301-314-0827; email: `mcl@math.umd.edu`. Applications by email are preferred.

For the 2008 ASL European Summer Meeting, applications and recommendations should be received before the deadline of March 14, 2008, by the Organizing Committee: Logic Colloquium 2008, Institute of Computer Science and Applied Mathematics, Neubrueckstrasse 10, CH-3012 Bern, Switzerland; email: `lc08@iam.unibe.ch`.

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.

- **2007-08 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 8–9, 2008, San Diego, California.* This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 6–9, 2008. The invited speakers include: G. Cherlin, I. Farah, P. Hrubes, V. Marek, J. Reimann, and S. Thomas. In addition to the ASL program, there will be a joint AMS-ASL Special Session on "Set Theory and Banach Spaces," organized by C. Rosendal and S. Todorcevic. The members of the Program Committee are J. Remmel (Chair), C. Rosendal, and T. Scanlon. The complete program for this meeting is included in this Newsletter mailing.
- **2008 ASL Spring Meeting (with APA).** *March 20–21, 2008, Pasadena, California.* This meeting will be held in conjunction with the Annual Meeting of the Western Division of the American Philosophical Association, which will be held March 18–23, 2008. There will be three invited sessions. For the first, a symposium on *Quantifiers in Logic and Language* chaired by M. Glanzberg, the invited speakers (with titles in parentheses) are: C. Barker ("Reasoning about Scope-Taking in a Substructural Logic"), E. Keenan ("Non-Classical Quantification in Natural Language"), and D. Westerstahl ("Some Issues about Compositionality and Quantification, in particular Possessive Quantification"). The second invited speakers session, on *Foundational and Historical Perspectives on Logic and Mathematics*, will be chaired by G. Sher and includes the following speakers (with titles in parentheses): G. Hellman ("What Can We Expect of a Foundational Framework for Mathematics?"), J. Tappenden ("Function, Thought, and Fruitfulness in Nineteenth Century Logic and Mathematics"), and E. Zalta ("Reflections on Logical Foundations for Mathematics"). The members of the Program Committee are M. Glanzberg and G. Sher (Chair). A hotel reservation form is enclosed in this mailing.
- **2008 ASL Annual Meeting.** *March 27–30, 2008, Irvine, California.* The invited speakers include: S. Buss, S. Cook, J. Ferreirós, A. Lewis, D. Marker, T. Slaman, J. Tappenden, and M. VanDieren. The nineteenth annual Gödel lecture will be given by W. Hugh Woodin, and the ASL Karp Prize and Shoenfield prizes will be awarded. There also will be a tribute to the late Paul J. Cohen delivered by A. Kanamori, and S. Shelah will give a special lecture on set-theoretic algebra in honor of Paul Eklof. Special sessions are planned in computability theory, logic and early analytic philosophy, logic and logical empiricism, model theory, set-theoretic algebra, and set theory. The members of the Program Committee are: M.C. Laskowski (Chair), J. Miller, T. Pitassi, E. Reck, and M. Zeman. The members of the Local Organizing Committee include: A. Antonelli (Chair), P. Eklof, M. Foreman, P. Maddy, K. Wehmeier, and M. Zeman.

  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, 2007, 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`.

  A registration form and hotel/transportation information is enclosed in this Newsletter mailing. Electronic registration is available at `http://www.aslonline.org/meeting_registration.html`. For further information, visit `http://kleene.ss.uci.edu/~asl2008`.

- **2008 ASL European Summer Meeting (Logic Colloquium '08).** *July 3–8, 2008, Bern, Switzerland.* 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. Wilkie (Chair), and A. Visser. The Local Organizing Committee includes: Gerhard Jäger (Chair), J. Krähenbühl, J. Schmid, and T. Strahm. 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 March 28, 2008 at the official meeting address: Logic Colloquium 2008, Institute of Computer Science and Applied Mathematics, Neubrueckstrasse 10, CH-3012 Bern, Switzerland; email: `lc08@iam.unibe.ch`.

- **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.

ASL SPONSORED MEETINGS

- **Second Indian Winter School on Logic.** *January 14–26, 2008, Kanpur, India.* The themes for the school, with speakers in parentheses, are: Algebraic logic (M. Gehrke and R. Jansana); Beyond probabilistic uncertainty (M.K. Chakraborty and D. Dubois); Logic and games (R. Parikh and J. van Benthem); Logic, bisimulation and Markov processes (P. Panangaden); Philosophical logic (C. Chakraborti and R. Mukhopadhyay); Probabilistic logic (E. Pacuit and G. Wheeler); Set theory (J.D. Hamkins, B. Lowe, S.M. Srivastava, and A. Walczak-Typke); Spatial reasoning (G. Bezhanishvili [tentative]); and Universal logic (J.-Y. Beziau). The members of the Program Committee are: S. Ghosh, S. Krishna, K. Lodaya, N. Raja, and S.P. Suresh. The Local Coordinators are M. Banerjee and A. Seth. For further information, visit `http://home.iitk.ac.in/~mohua/school/school.htm`.

- **Fifth International Symposium on Foundations of Information and Knowledge Systems (FoIKS 2008).** *February 11–15, 2008, Pisa, Italy.* The Co-chairs of the Program Committee are S. Hartmann and G. Kern-Isberner. For further information, visit `http://2008.foiks.org/`.

- **Workshop on Dependent Theories.** *March 25–28, 2008, Villa de Leyva, Colombia.* This is the second in a series of workshops in model theory targeted towards graduate and advanced undergraduate students. The topic for this event is dependent theories. Tutorials will be offered by L. van den Dries, A. Pillay, and A. Usvyatsov; the program also includes exercise sessions. The Organizers are A. Berenstein and A. Onshuus. For further information, visit `http://pentagono.uniandes.edu.co/~aberenst/dependent.htm`.

- **2008 Conference on Computability, Complexity and Randomness (CCR2008).** *May 19–23, 2008, Nanjing, China.* The invited speakers include: L. Bienvenu, C.T. Chong, N. Greenberg, B. Kjos-Hanssen, S. Lempp, J. Reimann, T. Slaman, 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. Deng 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

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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. The deadline for submission of papers is January 4, 2008. For further information, visit `http://www.cs.swansea.ac.uk/cie08/`.

- **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. The deadline for submission of papers is March 2, 2008. For further information, visit `http://www.cin.ufpe.br/~wollic/wollic2008/`.
- **Fourth World Congress of Paraconsistency (WCP4).** *July 13–18, 2008, Melbourne, Australia.* The members of the Organizing Committee include: R. Brady, M. Colyvan, D. Hyde E. Mares, C. Mortensen, G. Priest, G. Restall, and K. Tanaka. The deadline for submission of a one-page abstract is December 15, 2007. For further 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`. `http://www.illc.uva.nl/ESSLLI2008/`
- **Tenth Asian Logic Conference (ALC'08).** *September 1–6, 2008, Kobe, Japan.* The invited speakers tentatively include: P. Alaev, L. Beklemishev, Yu. Ershov, S. Gao, S. Jain, V. Kanovei, V. Khoussainov, A. Mantsivoda, J. Miller, H. Ono, V.V. Rybakov, M. Sato, M. Vardi, A. Voronkov, and X. Zhao. 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 Ackermann Award.** The European Association for Computer Science Logic (EASCSL) invites submissions for its Outstanding Dissertation Award for Logic in Computer Science (Ackermann Award). To be eligible for the 2008 Ackermann Award, the candidate must have completed a Ph.D. dissertation in topics specified by the EACSL and LICS conferences that was formally accepted as a Ph.D. thesis at a university or equivalent institution between January 1, 2006 and December 31, 2007. The deadline for submission is March 15, 2008; details are available at `http://www.dimi.uniud.it/~eacsl/award.html`.
- **New Journal: *The Journal of Formalized Reasoning*.** This is a purely electronic publication, providing immediate open access to its content. Researchers are encouraged to submit papers describing significant formal-

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ization efforts in any area, including classical mathematics, constructive mathematics, formal algorithms, and program verification. The emphasis of the journal is on proof techniques and methodologies and their impact on the formalization process. For more information, visit the journal's web site, `http://jfr.cib.unibo.it/`.

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

- **ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL 2008).** *January 10–12, 2008, San Francisco, California.* This annual event is a forum for the discussion of all aspects of programming languages and systems, with emphasis on how principles underpin practice. Preceding the symposium are several affiliated events. For further information, visit `http://www.cs.ucsd.edu/popl/08/`.
- **Very Informal Gathering (VIG 2008).** *February 1–3, 2008, Los Angeles, California.* This periodic gathering of logicians takes place at UCLA. The invited speakers include: J. Avigad, D. Haskell, M. Kracht, J. Moore, C. Pollett, J. Reimann, and C. Rosendal. For additional information, visit `http://www.logic.ucla.edu` or send email to Y. Moschovakis (`ynm@math.ucla.edu`).
- **Tenth International Conference on Relational Methods in Computer Science (RelMiCS 10) and Fifth International Conference on Applications of Kleene Algebra (AKA 5).** *April 7–11, 2008, Frauenwoerth, Germany.* The RelMiCS meetings have been a main forum for researchers who use the calculus of relations and similar algebraic formalisms as methodological and conceptual tools. The workshop series on Applications of Kleene algebra began in 2001 and has been co-organized with RelMiCS since then. The invited speakers are M. Pauly and G. Schmidt. The conference will include a Ph.D. training program, details about which will be announced soon. The Local Organizers are R. Berghammer and B. Möller. For further information,visit `http://www.uni-augsburg.de/rel_aka`.
- **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). The invited speakers include K. Iwama and A. Urquhart. The Conference Co-chairs are H. Büning and Z. Xishun. The deadline for submission of abstracts is January 11, 2008. For further information, visit `http://www.upb.de/cs/SAT08`.
- **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 a premier annual forum for the communication of new advances in the theoretical foundation of database systems. The SIGMOD conference is a leading international forum for database researchers, developers, and users to explore cutting-edge ideas and results, and to exchange techniques, tools, and experiences. 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. The deadline for submission of extended abstracts is February 10, 2008. For more information, visit `http://www.ru.is/icalp08`.

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

Submitted by Charles Steinhorn, Secretary-Treasurer.