

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

November 2008

- The 2008 ASL Election. Enclosed with this Newsletter is the ballot for the 2008 election for two members of the Executive Committee of the Council and two members of the Council. For those receiving the Newsletter via email, the ballot is included as a pdf attachment. All terms are for three years beginning January 1, 2009. The Nominating Committee consisted of Michael Hallett, Steffen Lempp, Rohit Parikh, John Steel (Chair), Stan Wainer, and Carol Wood. To be counted, ballots must be returned to the ASL office in Poughkeepsie by December 31, 2008. All ASL members are urged to vote.
- 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.
- ASL Newsletter via Email. Beginning with the September 2008 issue, the ASL Newsletter is 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, either notify the ASL's subscription fulfillment agent at asl-service@ams.org or check the appropriate box on 2009 membership renewal forms that have been mailed this month.
- 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

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- 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.

ASL MEETINGS

• Student Travel Awards: The 2009 ASL 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 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 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., Uniersity 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. The complete program for this meeting is included in this Newsletter mailing.
- 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. The complete program for this meeting is included in this Newsletter mailing.
- 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. Krajiček, 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).

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 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

- 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, E. Turunen, 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.
- 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/.
- 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.
- Eleventh Asian Logic Conference. June 22-27, 2009, Singapore, Republic of Singapore. The Program Committee includes: 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.
- 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, 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 Program 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.
- 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/.
- Eighteenth Annual Conference on Computer Science Logic (CSL 09). September 7–11, 2009, Coimbra, Portugal. The invited speakers include: M. Bojańczyk, T. Coquand, M. Grohe, Y. Moschovakis, and P. Oliva. A special session on the life and work of Stephen Kleene also is planned: 2009 marks the centennial of his birth. The Co-chairs of the Program Committee are E. Grädel and R. Kahle. The Co-chairs of the Organizing Committee are A. Almeida, R. Kahle, and P. Quaresma. For more information, visit http://www.mat.uc.pt/~csl/.

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- 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.
- Call for Submissions: The Ferran Sunyer i Balaguer Prize. This 12,000 euro prize will be awarded for a mathematical monograph of an expository nature presenting the latest developments in an active area of research in mathematics, in which the applicant has made important contributions. Submissions should be sent before December 4, 2008. For further information, visit http://ffsb.iec.cat.
- Postdoctoral Positions: The Infinity Project. This multidisciplinary research project, funded by the John Templeton Foundation, seeks two postdoctoral fellows to collaborate with senior researchers on seven themes in logic: arithmetic, computation, finiteness in model theory, ordinal analysis, descriptive set theory, cardinality and strong absoluteness. The project will begin on September 1, 2009 and be hosted at the Centre de Recerca Matemàtica (CRM) near Barcelona, Spain. It will culminate in the Infinity Workshop, an international meeting to take place in June or July 2011 at the CRM. Those interested in applying for one of the two-year postdoctoral positions should consult the CRM website: http://www.crm.cat. The application deadline is February 1, 2009. Further information may be obtained from the Project Director, S.-D. Friedman (email: sdf@logic.univie.ac.at) of the Kurt Gödel Research Center, Vienna.
- Call for Nominations: 2009 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 2009 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, 2007 and December 31, 2008. The deadline for submission is March 15, 2009; details are available at http://www.dimi.uniud.it/~eacsl/award.html. For the years 2007-2009, the Award is sponsored by Logitech, S.A., Romanel, Switzerland.

NEW BOOKS AND JOURNALS (Also see http://www.aslonline.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.

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

- Twenty-fourth International Conference on Logic Programming (ICLP'08). December 9-13, 2008, Udine, Italy. This conference series is the premier international event for presenting research in logic programming. The General Chair is A. Dovier; the Program Co-Chairs are M. Garcia de la Banda and E. Pontelli; and the Workshop Chair is T.C. Son. The members of the Local Organizing Committee include: A. Casagrande, E. De Maria, L. Di Gaspero, and C. Piazza. For further information, visit http://iclp08.dimi.uniud.it.
- Colloquium on Implementation of Constraint and Logic Programming Systems (CICLOPS 2008). December 9-13, 2008, Udine Italy. This event, colocated with ICLP'08 (see above), focuses on on the design, implementation, and optimization of logic, constraint (logic) programming systems, and systems intimately related to logic as a means to express computations. For further information, visit http://www.clip.dia.fi.upm.es/Conferences/CICLOPS-2008/.

Calendar of other meetings continued on reverse side

CALENDAR OF OTHER MEETINGS (continued)

- 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 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 U. Dayal, G. Gottlob, and V. Vianu. The Program Chair is R. Fagin For further information, visit http://www.math.spbu.ru/edbticdt/.
- 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. The deadline for submissions of abstracts is January 12, 2009; for papers the deadline is January 19, 2009. 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 TLCA09 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 and FoLLI, visit http://www.folli.org.

The next Newsletter will be sent in January, 2009. Items to be included should reach the Secretary-Treasurer before January 10, 2009.

Submitted by Charles Steinhorn, Secretary-Treasurer.