



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
WEB: <http://www.aslonline.org>

ASL NEWSLETTER

November 2012

- **The 2012 ASL Election.** Enclosed with this Newsletter is the ballot for the 2012 election for President, Vice President, three members of the Executive Committee of the Council and three members of the Council. For those receiving the Newsletter via email, the ballot is included as a pdf attachment. All terms (except that to complete an Executive Committee term whose current holder has been nominated for vice president) are for three years beginning January 1, 2013. The Nominating Committee consisted of Michael Benedikt, Penelope Maddy, David Marker (Chair), Yiannis Moschovakis, Richard Shore, Andreas Weiermann, Philip Welch, and Carol Wood.
- **Call for Proposals: 2014 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 Baltimore, January 15–18, 2014. 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 7, 2013.
- **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 and lapsed members from countries classified as developing economies. The list <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. For 2013, the reduced dues are US\$18 for individuals and US\$130 for institutional basic membership, US\$180 for 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.
- **Reduced Dues for Unemployed Members.** The ASL offers reduced dues for individual members who are unemployed. For 2013, the reduced dues are US\$44. 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.
- **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 2013 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.
- **Older ASL Books Available Online at Project Euclid.** The ASL has made available online via Project Euclid those older volumes of Lecture Notes in Logic and Perspectives in Logic owned by the ASL and published in collaboration with Springer-Verlag. The available Lecture Notes in Logic books (volumes 1-12) can be found at <http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.lnl>, and the available Perspectives volumes (those owned by the ASL) can be found at <http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.pl>. The ASL continues to sell original hard copies of those Lecture Notes and Perspective volumes of which there is sufficient stock; information about purchasing these volumes can be found at <http://www.aslonline.org/books.html>.
- **Access to Current JSL and BSL for ASL Members via Project Euclid.** Access to the full-text of current issues of *The Bulletin of Symbolic Logic* and *The Journal of Symbolic Logic* is available to all ASL members electronically via Project Euclid. Individual members who wish to gain access should follow these instructions: (1) go to <http://projecteuclid.org>; (2) click on ‘Log in’ in the top right-hand corner of the screen; (3) click on ‘create a profile here’ in the center of the login page; (4) fill in at least the required fields in the top half of the form, setting Euclid ID and Password to anything you wish, but remember these for future logins; (5) go to the bottom half of the form (‘Personal Subscription Registration’); (6) select the *Association for Symbolic Logic Journals* and in the subscriber code box enter your individual membership ID number (you will find this number on your journal mailing label); (7) at the bottom of the form, click the ‘Create Profile’ button, at which point users should then see a confirmation screen and should have access to full-content of the BSL and JSL. If you need help obtaining your membership ID number, contact our membership fulfillment agent at the American Mathematical Society at asl-service@ams.org. If you have any trouble using the Personal Subscription Registration form, please contact Euclid-L@cornell.edu.
- **Access to JSL and BSL back issues for ASL Members via JSTOR.** Access to the full-text of *The Journal of Symbolic Logic* for the years 1936 - 2007 is available to all ASL members via JSTOR. Access to the full-text of *The Bulletin of Symbolic Logic* for the years 1995–2011 also is available to all ASL members via JSTOR. Instructions for activating a new or existing account will be emailed to you directly from JSTOR User Services (support@jstor.org) within a week of your new ASL membership or renewal. If you do not receive this email, or have not provided the ASL with an email address, please contact the ASL Member Service provider at the American Mathematical Society (asl-service@ams.org).

ASL MEETINGS

- **Student Travel Awards: The 2013 ASL North American Annual Meeting, 2013 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 2013 ASL North American Annual Meeting in Waterloo, Ontario, Canada, or the 2013 ASL European Summer Meeting in Évora, Portugal; 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 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 on a US flag carrier. Application by email is encouraged; put “ASL travel application” in the subject line of your message.

For the 2013 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of March 4, 2013, by the Program Chair: Ilijas Farah, Department of Mathematics & Statistics, York University, 4700 Keele Street Toronto, Ontario, Canada M3J 1P3; Fax: 416-736-5757; email: ilijasf@gmail.com. Applications by email are preferred.

For the 2013 ASL European Summer Meeting, applications and recommendations should be received before the deadline of March 25, 2013, by the Organizing Committee: LC2013, CMAF-Universidade de Lisboa, Avenida Professor Gama Pinto 2, 1649-003 Lisboa, Portugal; email: 1c2013@ptmat.fc.ul.pt.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2013 North American Annual Meeting and the 2013 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.

- **2012-13 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 11–12, 2013, San Diego, California.* This meeting will take place in conjunction with the Joint Mathematics Meetings. The invited speakers include: B. Hart, P. Hieronymi, P. Koellner, C. McLarty, J. Moore, I. Neeman, and C. Rosendal. The members of the Program Committee are M. Aschenbrenner, K. Easwaran, and M. Zeman (Chair). The meeting also includes the joint AMS-ASL Special Session, *Effective algebra and model theory*, co-chaired by S. Buss, M. Minnes, and J. Remmel. The complete program for this meeting is included in this Newsletter mailing.
- **2013 ASL Winter Meeting (with APA).** *February 20–21, 2013, New Orleans, Louisiana.* This meeting will be held jointly with the Annual Meeting of the Central Division of the American Philosophical Association. The program includes an invited panel discussion on *Logic in Undergraduate Philosophy Education* chaired by A. Arana. The panelists include: A. Arana, D. Macbeth, R. Jennings, S. Vineberg, and A. Yap. The members of the Program Committee are A. Arana (Chair) and A. Yap. The complete program for this meeting is included in this Newsletter mailing.
- **2013 ASL North American Annual Meeting.** *May 8–May 11, 2013, Waterloo, Ontario, Canada.* The invited speakers include: M. Aschenbrenner, U. Andrews, R. Blute, D. Kerr, C. McLarty, D. Sinapova, T. Slaman, M. Viale, V. Voevodsky, and F. Wagner. The following special sessions also are planned: Applications of logic to operator algebras, Computable structures/model theory, Differential categories and differential lambda calculi, Model theory, Set theory, and Univalent foundations. The members of the Program Committee are: S. Awodey, I. Farah (Chair), A. Kanamori, R. Moosa, J. Reimann, and P. Scott. The Local Organizing Committee includes: S. Ben-David, B. Csima (Chair), D. DeVidi, R. Moosa, and R. Willard.

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 11, 2013, 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.

- **2013 ASL European Summer Meeting (Logic Colloquium '13).** *July 22–27, 2013, Évora, Portugal.* The Program Committee members are: M. Baaz, M. Benedikt, M. Edmundo, S. Fuchino, V. Harizanov, P. Mancosu, Y. Matiyashevich, K. Tent, and B. Velickovic (Chair). The Local Organizing Committee includes: S. Alves, I. van den Berg, M. Edmundo (Chair), F. Ferreira, D. Graça, M. Mamino, M. Martins, L. Pinto, P. Quaresma, and J. Rasga. For further information, visit <http://ptmat.fc.ul.pt/LC2013/>.

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 29, 2013 at the official meeting address: LC2013, CMAF-Universidade de Lisboa, Avenida Professor Gama Pinto 2, 1649-003 Lisboa, Portugal; email: 1c2013@ptmat.fc.ul.pt.

- **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. 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

- **Fifth Indian Conference on Logic and its Applications (ICLA 2013).** *January 10–12, 2013, Chennai, India.* The invited speakers for this event, to be held at the Institute of Mathematical Sciences, include: M. Cresswell, M. Džamonja, J. Halpern, A. Kurucz, M. Otto, M. Reynolds, A. Rini, and G. Sandu. The Chair of the Program Committee is K. Lodaya and the Chair of the Organizing Committee is R. Ramanujam. The conference is co-located with the Fourteenth International Conference on Theoretical Aspects of Rationality and Knowledge (TARK), which will be held January 7–9, 2013 at the same venue. (For more information about TARK, visit <http://www.imsc.res.in/tark>.) For further information, visit <http://www.imsc.res.in/~icla/>.
- **Fourth World Congress and School on Universal Logic (UNILOG 2013).** *March 29–April 7, 2013, Rio de Janeiro, Brazil.* Invited speakers include: I. Anellis, H. Burkhardt, N. da Costa, I. D’Ottaviano, S. Feferman, A. Fuhrmann, Y. Gurevich, J. Hintikka, D. Mundici, H. Ono, G. Sambin, J. Seldin, G. Sher, S.-J. Shin, and P. Suppes. The school is intended for Ph.D. students, postdoctoral students, and young researchers interested in logic, artificial intelligence, mathematics, philosophy, linguistics, and related fields. A broad range of tutorials will be offered; the list (with links to descriptions) can be found at <http://www.uni-log.org/start4.html>. The members of the Scientific Committee are: A. Avron, J. van Benthem, R. Brady, C. Caleiro, W. Carnielli, M. Dunn, D. Gabbay, H. He, G. Jaeger, A. Koslow, I. Nemeti, V. Vasyukov, and H. Wansing. The Organizing Committee includes: M. Benevides, J.-Y. Béziau (Chair), O. Chateaubriand, A. Costa-Leite, F.A. Doria, I. D’Ottaviano, K. Gan-Krzywoszyńska, E.H. Haeusler, J. Moderno, R. Natarajan, A. Rademaker, D. Sarenac, and M. Yazgan. For further information, visit <http://www.uni-log.org>.
- **Logic and Interactions.** *April 29–May 3, 2013, Luminy, France.* This event, to be held at the CIRM in Luminy, is the final conference of the European Community funded Marie Curie Initial Training Network in Mathematical Logic, *From Mathematical Logic to Applications* (MALOA). In keeping with the training aims of the network, the meeting will bring together established leaders in the field with younger scientists from both inside and outside the network. The invited speakers include: U. Berger, S. Buss, A. Durand, J. Kirby, M. Laskowski, A. Lewis, A. Macintyre, J. Paris, P. Pudlak, P. Schuster, K. Tent, T. Tsankov, and J. Väänänen. The members of the Scientific Committee are: D. Macpherson (Chair), Z. Chatzidakis, R. Kervarc, J. Krajíček, H. Schwichtenberg, and B. Velickovic. For further information, visit <http://www1.maths.leeds.ac.uk/maloe/final%20conference.html>.
- **Model Theory 2013.** *June 10–15, 2013, Ravello, Italy.* Tutorials will be offered by M. Hils, T. Scanlon, and K. Tent. The invited speakers include: M. Aschenbrenner, E. Breuillard, Z. Chatzidakis, A. Chernikov, A. Conversano, A. Fornasiero, P. Habegger, B. Hart, G. Jones, D. Macpherson, J. Melleray, M. Malliaris, R. Moosa, L. Newelski, Y. Peterzil, A. Pillay, Z. Sela, R. Sklinos, H. Towsner, J. Tsimerman, and P. Ugurlu. The members of the Program Committee are: I. Ben Yaacov, P. D’Aquino, E. Hrushovski, E. Jaligot, S. Starchenko, and A. Wilkie. The Organizing Committee includes: P. D’Aquino, A. Fornasiero, L. Spada, and G. Terzo. For further information, visit <http://logica.dmi.unisa.it/Ravello/>.
- **Twenty-eighth Annual IEEE Symposium on Logic in Computer Science (LICS 2013).** *June 25–28, 2013, New Orleans, Louisiana.* The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. Co-located with this event are the Twenty-ninth Conference on the Mathematical Foundations of Programming Semantics (MFPS) and the Twenty-sixth IEEE Computer Security Foundations Symposium. The invited speakers include: R. Alur, J. Halpern (with

Newsletter continued on separate sheet

ASL SPONSORED MEETINGS (continued)

CSF), N. Lynch, and P. Panangaden. Tutorials will be offered by P. Bouyer-Decitre and J. Rutten (with MFPS). The symposium also will include a special session to mark the eightieth birthday of Dana Scott, with the following invited speakers: S. Awodey, A. Bauer, R. Harper, A. Pitts, and D. Scott. The Program Chair is O. Kupferman, the Workshops Chair is P. Bouyer-Decitre, the General Chair is L. Ong, and the Conference Chair is M. Mislove. The Organizing Committee Chair is L. Ong. For further information, visit <http://lii.rwth-aachen.de/lics/lics13/>.

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

- **Descriptive Set Theory and Model Theory.** *January 1–4, 2013, Kolkata, India.* The invited speakers at this event at the Indian Statistical Institute include: I. Ben Yaacov, S. Bezuglyi, C. Conley, E. Hrushovski, M. Magidor, D. Marker, J. Melleray, B. Miller, A. Nies, A. Pillay, T. Scanlon, S. Solecki, A. Tornquist, T. Tsankov, and B. Weiss. The Convenor of the Organizing Committee is S.M. Srivastava. A preparatory workshop will be held Dec. 27–31, 2012. For further information, visit <http://www.isical.ac.in/~dst.model/index.htm>.
- **Very Informal Gathering of Logicians (VIG 17).** *February 1–3, 2013, Los Angeles, California.* This is the seventeenth in a series of logic meetings at UCLA that began in 1975. The invited speakers include: C. Conley, A. Day, V. Guingona, P. Koellner, A. Kolokolova, C. Miller, and S. Solecki, who will give the inaugural Hjorth Lecture. There are no registration fees, and it is expected that travel grants will be available for graduate students and faculty in early career stages. For further information visit <http://www.logic.ucla.edu>.
- **European Joint Conferences on Theory and Practice of Software (ETAPS 2013).** *March 16–24, 2013, Rome, Italy.* This event is the primary European forum for academic and industrial researchers working on topics relating to Software Science. It comprises several conferences and workshops that may be of interest to logicians. The Chair of the Steering Committee is V. Sassone. For further information visit <http://www.etaps.org/>.
- **Seventh International Conference on Language and Automata, Theory and Applications (LATA 2013).** *April 2–5, 2013, Bilbao, Spain.* LATA is a yearly conference in theoretical computer science and its applications. LATA 2013 will reserve significant room for young scholars at the beginning of their careers. It will aim at attracting contributions from both classical theory fields and application areas (bioinformatics, systems biology, language technology, artificial intelligence). The invited speakers include J.-Y. Cai, K. Etessami, T. Schwentick, and A. Voronkov. Tutorials will be offered by L. Ong on *Languages and automata for higher-order model checking* and J. Ouaknine on *Discrete linear dynamical systems*. The Chair of the Program Committee is C. Martín-Vide and the Co-chairs of the Organizing Committee are C. Martín-Vide and E. Zuazua. For further information, visit <http://grammars.grlmc.com/LATA2013/>.
- **Twenty-fourth International Conference on Automated Deduction (CADE-24).** *June 9–14, 2013, Lake Placid, New York.* This is the major forum for the presentation of research in all aspects of automated deduction. The Conference Co-chairs are C.A. Lynch and N.V. Murray, the Chair of the Program Committee is M.P. Bonacina, the Tutorial Chair is P. Baumgartner, the Workshop and Competition Chair is C. Benzmueller, and the Publicity and Web Chair is G.O. Passmore. For more information, visit <http://www.cade-24.info>.
- **Seventh International Conference on Tests and Proofs (TAP 2013).** *June 18–19, 2013, Budapest, Hungary.* This series is devoted to the synergy of proofs and tests, to the application of techniques from both sides and their combination for the advancement of software quality. The deadline for submission of abstracts is January 25, 2013 and for papers is February 1, 2013. The Program Co-chairs are M. Veanes and L. Viganò. For further information, visit <http://www.spacios.eu/TAP2013>.
- **Federated Conference on Rewriting, Deduction, and Programming (RDP 2013).** *June 23–28, 2013, Eindhoven, The Netherlands.* This event comprises the Twenty-fourth International Conference on Rewriting

Newsletter continued on reverse side

CALENDAR OF OTHER MEETINGS (continued)

Techniques and Applications (RTA-24) and the Eleventh International Conference on Typed Lambda Calculi and Applications (TLCA 2013). The TLCA2013 Program Committee Chair is M. Hasegawa and the Steering Committee includes: S. Abramsky, H. Barendregt, P.-L. Curien, M. Dezani, M. Hofmann, L. Ong, S.R. Della Rocca, and P. Urzyczyn. The RTA-24 Program Chair is F. van Raamsdonk and the Conference Chair is H. Zantema. The RDP 2013 Organizing Committee members are: S. Claessens, H. Geuvers, J. Giesl, E. de Vink, and H. Zantema. For further information, visit <http://www.win.tue.nl/rdp2013/>.

- **Thirty-fourth International Conference on Application and Theory of Petri Nets and Concurrency (PETRI NETS 2013).** *June 24–28, 2013, Milan, Italy.* The Program Committee Co-chairs are J.M. Colom and J. Desel, the Workshop and Tutorial Co-chairs are S. Haddad and A. Yakovlev, and the Organizing Committee Chair is L. Pomello. The deadline for submission of papers is January 10, 2013. For further information, visit <http://www.mc3.disco.unimib.it/petrinets2013/>.
- **Twenty-fifth International Conference on Computer Aided Verification (CAV 2013).** *July 13–19, 2013, Saint Petersburg, Russia.* This conference series dedicated to the advancement of the theory and practice of computer-aided formal analysis methods for hardware and software systems. The Program Chairs are N. Sharygina and H. Veith, and the Steering Committee includes: M. Gordon, O. Grumberg, R. Kurshan, and K. McMillan. The Chair of the Organization Committee is I. Shoshmina. The deadline for submission of papers is January 7, 2013. For further information, visit <http://cav2013.forsyte.at/>.
- **Fifth International Conference on Algebra and Coalgebra in Computer Science (CALCO 2013).** *September 3–6, 2013, Warsaw, Poland.* This series aims to bring together researchers and practitioners with interests in foundational aspects, and both traditional and emerging uses of algebra and coalgebra in computer science. The invited speakers include: A. Bauer, M. Bojańczyk, N. Ghani, and D. Pous. The Co-chairs of the Program Committee are R. Heckel and S. Milius, and the Organizing Committee members are B. Klin and A. Tarlecki. The deadline for submission of abstracts is February 22, 2013 and for papers is March 1, 2013. For further information, visit <http://coalg.org/calco13/>.

NEW BOOKS AND JOURNALS (Also see <http://www.aslonline.org/>.)

- **New ASL Books.** To see 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.
- **Special issue of *Logica Universalis*.** Volume 6, Number 3-4 of *Logica Universalis* is a special issue entitled, "Perspectives on the History and Philosophy of Modern Logic: Van Heijenoort Centenary." The guest editor is I.H. Anellis. Abstracts and open source articles are available electronically from Springer-Verlag, at <http://www.springerlink.com/content/x64163142145/>

The next Newsletter will be sent in January 2013. Items to be included should reach the Secretary-Treasurer before January 10, 2013.

Submitted by Charles Steinhorn, Secretary-Treasurer.