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# NOTICES

- 2013 SACKS PRIZE. The ASL invites nominations for the 2013 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2013. 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 2013 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, 2012, and September 30, 2013, 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 of the thesis defense, letter of recommendation from the adviser, an electronic copy of the thesis in .pdf form, or the address of a web site from which an electronic copy in .pdf form can be downloaded, and an independent second letter of recommendation. Nominations should be sent to the Committee Chair, Theodore A. Slaman; pdf files sent as attachments by email to `slaman@math.berkeley.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 Theodore A. Slaman, The University of California, Berkeley, Department of Mathematics, 719 Evans Hall #3840, Berkeley, CA 94720-3840 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.

- DISCOUNTED DUES FOR NEW ASL INDIVIDUAL MEMBERS. The ASL now offers a 50% discount on dues for new individual members during each of the first two years of membership. For more information, visit `http://www.aslonline.org/membership-individual.html`.

- FREE INDIVIDUAL ASL MEMBERSHIP PROGRAM FOR INDIVIDUALS IN DEVELOPING ECONOMIES. The ASL invites applications for an initial two-year free membership in the Association for new or lapsed members from countries classified as developing economies. The list, found at `http://www.aslonline.org/worldbankeconomies.html`, includes Brazil, Bulgaria, China, Colombia, India, Iran, Russia, South Africa, and many other countries classified as 'upper middle income' or below on the World Bank's annual list for four of the last five years. To apply, please send an email to the ASL Committee on Membership at `asl-membership@googlegroups.com`. Include your name, full mailing address, and your academic affiliation. For information about the ASL and membership benefits visit `http://www.aslonline.org/membership-individual.html`. After the initial two year period new members under this program will pay the reduced membership dues, currently at US$18 (see below), as long as their country of residence is on the ASL's list of developing economies.

- Reduced Dues for Individuals and Institutions in Developing Economies. The ASL offers reduced dues for individual and institutional members in developing economies. For 2013, the reduced dues are US$18 for individuals, US$130 for institutional basic membership, and US$180 for institutional full membership. These dues apply to individuals and institutions residing in countries whose economies are classified as 'upper middle income' or below on the World Bank's annual list for four of the last five years. For further information, visit `http://www.aslonline.org/membership_outreach.html` or contact the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Tel: 1-845-437-7080; Fax: 1-845-437-7830; email: `asl@vassar.edu`.
- Emeritus ASL Individual Membership. The ASL offers retired individual members two membership options. Emeritus membership includes all the privileges of regular individual membership and is available to retired individuals who have been members of the ASL for 15 years. The dues for Emeritus membership for 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.
- Student Travel Awards: ASL or ASL-Sponsored Meetings. The ASL will make available modest travel awards to graduate students in logic so that they may attend ASL or ASL-sponsored meetings (other than the 2014 North American Annual Meeting and the 2014 European Summer Meeting; the announcement for travel award applications for these meetings will be made in the fall of 2013). 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 made in compliance with the "Fly America Act" (49 U.S.C. 40118). 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 2014 North American Annual Meeting and the 2014 European Summer Meeting), applications and recommendations should be received at least three months prior to the meeting at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Fax: 1-845-437-7830; email: `asl@vassar.edu`. Decisions will be communicated at least two months prior to the meeting.

- 2013 ASL European Summer Meeting (Logic Colloquium '13). *July* 22–27, 2013, *Évora, Portugal*. Tutorials will be offered by O. Houcine and L. Ong. The invited speakers include: J. van Benthem, M. Bojanczyk, J. Brendle, J.-Y. Cai, V. Halbach, R. Iemhoff, F. Loeser, M. Malliaris, A. Morozov, A. Tornquist, and V. Voevodsky. The Program Committee members are: M. Baaz, M. Benedikt, M. Edmundo, S. Fuchino, V. Harizanov, P. Mancosu, 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 more information, visit `http://ptmat.fc.ul.pt/LC2013/`.
- 2013-14 ASL Winter Meeting (with Joint Mathematics Meetings). *January* 15–18, 2014, *Baltimore, Maryland*. This meeting will take place in conjunction with the Joint Mathematics Meetings. The members of the Program Committee are A. Dow (Chair), K. Lange, and D. Lippel.
- 2014 ASL North American Annual Meeting. *May* 14–*May* 17, 2014, *Boulder, Colorado*. The members of the Program Committee are: M. Groszek (Chair), A. Kanamori, K. Kearnes, J. Marikova, S. Thomas, and H. Towsner. The Local Organizing Committee includes: N. Dobrinen, G. Forbes, N. Galatos, K. Kearnes (Chair), D. Monk, and A. Szendrei.
- Rules for Abstracts. The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at the website `http://www.aslonline.org/rules_abstracts.html` . Please note that abstracts *must* follow the rules as set forth there; those which do not conform to the requirements will be returned immediately to the authors submitting them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.
- 2013 Australasian Association for Logic Conference. *June* 15–16, 2013, *Melbourne, Australia*. The conference organizer is D. Ripley. For more information, visit `http://philevents.org/event/show/9196`. (ASL Sponsored Meeting.)
- Twenty-eighth Annual ACM/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 CSF), N. Lynch, and P. Panangaden. Tutorials will be offered by H. Comon 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/`. (ASL Sponsored Meeting.)
- Computability in Europe 2013 (CiE 2013): The Nature of Computation: Logic, Algorithms, Applications. *July* 1–5, 2013, *Milan, Italy*. This is the ninth in a series organized by Computability in Europe (CiE). The special focus of the conference is on the unexpected and strong changes that studies on Nature have brought in several areas of mathematics, biology, physics, and computer science. Starting from Alan Turing, research on Nature with a computational perspective has produced novel contributions, giving rise even to new disciplines. Tutorials will be offered by G. Brassard and G. Rozenberg. Invited speakers include: U. Endriss, L. Fortnow, A. Karlin, B. Moret, M. Soskova, and E. Szemeredi. Special sessions are planned on: algorithmic randomness; computation in nature; computational complexity

in the continuous world; computational molecular biology; data streams and compression; and history of computation. The Program Committee Co-chairs are P. Bonizzoni and V. Brattka, and the Chair of the Organizing Committee is P. Bonizzoni. For more information, visit `http://cie2013.disco.unimib.it`. (ASL Sponsored Meeting.)

- TOPOLOGY, ALGEBRA AND CATEGORIES IN LOGIC (TACL). *July* 28–*August* 1, 2013, *Nashville, Tennessee.* The sixth conference in the TACL series, this event will focus on three interconnecting mathematical themes central to the semantical study of logics and their applications: algebraic, categorical, and topological methods. The invited speakers include: B. Banaschewski, N. Bezhanishvilli, L. Cabrer, S. Ghilardi, R. Horcik, G. Metcalfe, A. Simpson, and V. Voevodsky (who will deliver the Twenty-eighth Annual Shanks Lecture Series). The Co-chairs of the Program Committee are N. Galatos and A. Kurz; the Chair of the Organizing Committee is C. Tsinakis. For further information, visit `http://www.math.vanderbilt.edu/~tacl2013/index.php`. (ASL Sponsored Meeting.)
- TWENTY-FIFTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2013). *August* 5–16, 2013, *Düsseldorf, Germany.* The European Summer Schools in Logic, Language and Information brings together logicians, linguists, computer scientists, and philosophers to study language, logic, and information, and their interconnections. Introductory and advanced courses, together with workshops, cover a wide variety of topics within the three areas of interest: Language and Computation, Language and Logic, and Logic and Computation. The Chair of the Program Committee is J. Bos and the Local Co-chair is W. Petersen. ESSLLI-2013 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2013, visit `http:/www.esslli2013.de`; for further information about FoLLI, visit `http://www.folli.org`. (ASL Sponsored Meeting.)
- TWENTIETH WORKSHOP ON LOGIC, LANGUAGE, INFORMATION AND COMPUTATION (WoLLIC '2013). *August* 20–23, 2013, *Darmstadt, Germany.* This is the twentieth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is L. Libkin. The Co-chairs of the Organizing Committee are U. Kohlenbach and R. de Queiroz. For further information, visit `http://wollic.org/wollic2013/`. (ASL Sponsored Meeting.)
- EIGHTH INTERNATIONAL CONFERENCE ON COMPUTABILITY, COMPLEXITY AND RANDOMNESS (CCR 2013). *September* 23–27, 2013, *Moscow, Russia.* Topics for this event include: algorithmic randomness, computability theory, computational complexity, Kolmogorov complexity, and reverse mathematics and logic. The invited speakers include: G. Barmpalias, L. Bienvenu, E. Hirsch, E. Jeandel, J. Reimann, A. Shen, M. Yampolsky, S. Yekhanin, and Y. Yue. The Chair of the Program Committee is N. Greenberg and the Chair of the Local Organizing Committee is N.K. Vereshchagin. For further information, visit `http://ccr2013.mccme.ru/`. (ASL Sponsored Meeting.)
- LARGE CARDINALS AND FORCING. *September* 23–27, 2013, *Vienna, Austria.* This, and the workshop directly following this announcement will be held at the Erwin Schrödinger Institute (ESI) as part of the ESI Thematic Program, *Forcing, Large Cardinals and Descriptive Set Theory*, organized by S.D. Friedman, M. Goldstern, A. Kechris, W.H. Woodin, and J. Kellner. For further information, visit `http://www.logic.univie.ac.at/2013/ESI/Home.html`. (ASL Sponsored Meeting.)
- DESCRIPTIVE SET THEORY. *September* 30–*October* 4, 2013, *Vienna, Austria.* For details about this workshop, see the announcement directly above. For further information, visit `http://www.logic.univie.ac.at/2013/ESI/Home.html`. (ASL Sponsored Meeting.)

- 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 Program Co-chairs are M. Veanes and L. Viganò. For further information, visit `http://www.spacios.eu/TAP2013`.

- 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. 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. For further information, visit `http://cav2013.forsyte.at/`.

- Twenty-Second Annual Conference of the European Association for Computer Science Logic (CSL 2013). *September* 2–5, 2013, *Torino*, *Italy*. This is the annual conference of the European Association for Computer Science Logic (EACSL). It is intended for computer scientists whose research activities involve logic, as well as for logicians working on issues significant for computer science. The 2013 Ackermann Award, the EACSL annual award for the outstanding dissertation for logic in computer science, will be presented at the meeting. The Chair of the Program Committee is S. Ronchi Della Rocca. The members of the Organizing Committee are: E. De Benedetti, P. Giannini, M. Piccolo, L. Padovani, L. Paolini, S. Ronchi Della Rocca, L. Roversi, and A. Troina. For further information, visit `http://csl13.di.unito.it/`.

- 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. For further information, visit `http://coalg.org/calco13/`.

- Applications of O-minimality to Analysis and Number Theory. *September* 9–12, 2013, *Passau*, *Germany*. The goal of the workshop is to bring together people from the areas of analysis and number theory which meet in o-minimality. A tutorial on the number theoretic problems recently attacked with tools from o-minimality will be offered by A. Yafaev. The invited speakers include: G. Binyamini, L. Butler, D. Grieser, P. Hieronymi, G. Jones, O. Le Gal, D. Miller, M. Orr, W. Pawlucki, Y. Peterzi (to be confirmed), J.-P. Rolin, M. Shiota, M. Thomas, G. Valette, and M. Widmer. The members of the Scientific Committee are: J. Pila, P. Speissegger, S. Starchenko, and T. Kaiser. The Organizing Committee includes: T. Kaiser, S. Lehner, and J. Ruppert. For further information, visit `https://sites.google.com/site/infopaconference/home`.

- 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.