NOTICES

- 2015 SACKS PRIZE. The ASL invites nominations for the 2015 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2015. 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 2015 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, 2014, and September 30, 2015, 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, Simon Thomas; .pdf files sent as attachments by email to sthomas@math.rutgers.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 Simon Thomas, Department of Mathematics, Rutgers University, Hill Center - Busch Campus, 110 Frelinghuysen Road, Piscataway, NJ 08854-8019, USA.

  Those wishing to contribute to the Sacks Prize Fund may send contributions to the ASL office (ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604). All such contributions are tax-deductible within the USA.

- CALL FOR PROPOSALS: 2018 NORTH AMERICAN ANNUAL MEETING. The ASL Committee on Logic in North America requests proposals for the 2018 ASL North American Annual meeting, to be held sometime in the first five months of 2018. The committee seeks a university somewhere in North America and a local committee to host the meeting and handle the local arrangements. The ASL meetings ordinarily cycle geographically in the pattern: midwest (Urbana 2015), east (Connecticut 2016), west (2017 still being finalized). Thus, for 2018 the committee seeks a location in the midwest. Any reasonable proposal, however, will be considered. For more information, interested parties should contact the Committee Chair, Reed Solomon (email: david.solomon@uconn.edu) no later than November 2, 2015.

- CALL FOR PROPOSALS: 2017 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 Atlanta, January 4–7, 2017. Proposals or requests for further information should be sent to the Committee Chair, Reed Solomon (email: david.solomon@uconn.edu). The deadline for receipt of proposals is January 4, 2016.

- 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 and 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, 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 individuals and institutions in developing economies. For 2016, 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 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 more 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 2016 are US$47. 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`.

- 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.

- 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`, or write to the ASL Business Office.

- STUDENT TRAVEL AWARDS: THE 2016 ASL NORTH AMERICAN ANNUAL MEETING AND OTHER ASL OR ASL-SPONSORED MEETINGS. The ASL will make available modest travel awards to graduate students in logic so that they may attend the 2016 ASL North American Annual Meeting in Storrs, Connecticut. (The travel announcement for the 2016 ASL European Summer meeting will be announced later this fall.) Student members of the ASL also may apply for travel grants to other ASL or ASL-sponsored meetings. See below for information about these 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 in accordance with the Fly America Act. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

For the 2016 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of March 11, 2016, by the Program Chair: Patricia Blanchette, Department of Philosophy, 100 Malloy Hall, University of Notre Dame, Notre Dame, IN 46556 USA; Fax: 574-631-0588; email: Patricia.Blanchette.1@nd.edu. Applications by email are preferred.

For ASL student member travel grants to other ASL or ASL-sponsored meetings (other than the 2016 European Summer Meeting), applications and recommendations should be received at least three months prior to the start of 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.

- 2015-16 ASL Winter Meeting (with Joint Mathematics Meetings). *January 6–9, 2016, Seattle, Washington*. This meeting will take place in conjunction with the Joint Mathematics Meetings. The invited speakers include: D. Bartosova, N. Dobrinen, L. van den Dries, J. Freitag, C. Jockusch, B. Khoussainov, and J. Zapletal. The members of the Program Committee are C. Conley, C. Ealy, and J. Hirst (Chair). The Joint Mathematics Meetings program includes two joint AMS-ASL special sessions: *Applications of Logic, Model Theory, and Theoretical Computer Science to Systems Biology*, organized by J. Lynch and L. Marcus; *Surreal Numbers*, organized by P. Ehrlich and O. Costin

    Abstracts of contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the Rules for Abstracts (see below). Abstracts must be received by the deadline of September 11, 2015, 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.

- 2016 ASL Winter Meeting (with APA). *March 2–5, 2016, Chicago, Illinois*. This meeting will be held jointly with the Annual Meeting of the Central Division of the American Philosophical Association. The members of the Program Committee are R. Cook (Chair) and Ø. Linnebo, and M. Rossberg. 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 October 30, 2015, 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.

- 2016 ASL North American Annual Meeting. *May 23–26, 2016, Storrs, Connecticut*. The invited speakers include: Z. Chatzidakis, M. Kaufmann, K. Lange, I. Neeman, M. Rathjen, and S. Shapiro. Alasdair Urquhart will give an ASL retiring presidential address. Tutorials will be offered by D. Hirschfeldt and M. Malliaris. The members of the Program Committee include: P. Blanchette (Chair), D. Dzhafarov, R. Lubarsky, A. Montalban, J. Moore, and C. Wood. The members of the Local Organizing Committee are: Jc. Beall, D. Dzhafarov, D. Ripley, M. Rossberg, and R. Solomon (Chair).

    Abstracts for 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 26, 2016, 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.

- 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 who

submitted them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.

- MODEL THEORY AND GROUPS, ISTANBUL 5. *October 8–10, 2015*, *Istanbul, Turkey*. The invited speakers include: A. Deloro, A. İlhan, G. Levitt, A. Minasyan, B. Poizat, Ç. Uyanik, and Ş. Yalçinkaya. Tutorials will be offered by M. Kuzucuoğlu and D. Macpherson. The members of the Organizing Committee are: T. Altinel, A. Berkman, and Ö. Beyarslan. For further information, visit `http://math.univ-lyon1.fr/~altinel/modelsgroups.html`. (ASL Sponsored Meeting.)

- TENTH INTERNATIONAL SYMPOSIUM ON FRONTIERS OF COMBINING SYSTEMS (FROCOS'15). *September 19–24, 2015*, *Wrocław, Poland*. This meeting is co-located with the Twenty-third International Conference on Automated Reasoning with Analytic Tableaux and Related Methods (TABLEAUX 2015; see below). The invited speakers are: A. Herzig, O. Ray (joint with TABLEAUX 2015), P. Rümmer, and T. Sturm. The following tutorials—all joint with TABLEAUX 2015—will be offered (with lecturers in parentheses): *Automated reasoning building blocks* (C. Weidenbach); *A Taste of SMT* (C. Barrett, A. Reynolds, and C. Tinelli); and, *The distributed ontology, modeling, and specification language (DOL)-Networks of theories, languages, and logics* (T. Mossakowski). For further information, visit `http://frocos2015.ii.uni.wroc.pl`.

- TWENTY-THIRD INTERNATIONAL CONFERENCE ON AUTOMATED REASONING WITH ANALYTIC TABLEAUX AND RELATED METHODS (TABLEAUX 2015). *September 20–24, 2015*, *Wrocław, Poland*. This event is co-located with the Tenth International Symposium on Frontiers of Combining Systems (FroCoS'15; see above). The invited speakers include: C. Benzmüller, R. Dyckhoff, and O. Ray (joint with FroCoS'15). The Conference Chair is H. de Nivelle. For additional information, visit `http://tableaux2015.ii.uni.wroc.pl/`.

- THIRD INTERNATIONAL WORKSHOP ON STRATEGIC REASONING (SR 2015). *September 21–22, 2015*, *Oxford, England*. Strategic reasoning is one of the most active research areas in multi-agent system domain. The literature in this field is extensive and provides a plethora of logics for modelling strategic ability. The invited speakers include: J. van Benthem, J. Halpern, M. Kwiatkowska, and M. Vardi. The Workshop Chairs are: J. Gutierrez, F. Mogavero, A. Murano, and M. Wooldridge. For further information, visit `https://sites.google.com/site/sr2015homepage/home`.

- FIFTEENTH INTERNATIONAL CONFERENCE ON FORMAL METHODS IN COMPUTER-AIDED DESIGN (FMCAD 2015). *September 27–30, 2015*, *Austin, Texas*. This event provides a leading forum to researchers in academia and industry for presenting and discussing groundbreaking methods, technologies, theoretical results, and tools for reasoning formally about computing systems. The keynote speakers are A. Emerson, Z. Hanna, and S. Malik. The following tutorials will be offered: *Abductive Inference and Its Applications in Program Analysis, Verification, and Synthesis* by I. Dilig, *Formal Verification of Arithmetic Datapaths using Algebraic Geometry and Symbolic Computation* by P. Kalla, *Proving Hybrid Systems* by A. Platzer, and, *Reactive Synthesis* by R. Bloem. The General and Program Chairs are R. Kaivola and T. Wahl. This conference is co-located with; the Thirteenth ACM-IEEE International Conference on Formal Methods and Models for System Design(MEMOCODE 2015; see `http://memocode.irisa.fr/2015/`), the Eighteenth International Conference on Theory and Applications of Satisfiability Testing (SAT 2015; see `http://www.cs.utexas.edu/~marijn/sat15/`), the International Workshop on Design and Implementation of Formal Tools and Systems (DIFTS15; see `http://www.ece.vt.edu/chaowang/difts2015/`), and the Thirteenth International Workshop on the ACL2 Theorem Prover and Its Applications (ACL2-2015; see `http://www.cs.utexas.edu/users/moore/acl2/workshop-2015/index.html`). For further information, visit `http://www.fmcad.org/FMCAD15`.

- THIRTEENTH INTERNATIONAL CONFERENCE ON LOGIC PROGRAMMING AND NONMONOTONIC REASONING (LPNMR 2015). *September 27–30, 2015*, *Lexington, Kentucky*. This event aims to facilitate interactions between researchers interested in the design and implementation of logic-based programming languages and database systems, and researchers who work in the areas of knowledge representation and nonmonotonic reasoning. The General Chair is

V. Marek, and the Program Chairs are G. Ianni and M. Truszczynski. For more information, visit `http://lpnmr2015.mat.unical.it/`.

- FIFTEENTH INTERNATIONAL CONFERENCE ON RELATIONAL AND ALGEBRAIC METHODS IN COMPUTER SCIENCE (RAMiCS 2015). *September 28–October 1, 2015*, *Braga, Portugal*. This event is the main forum for relational and algebraic methods in computer science. Special focus lies on formal methods for software engineering, logics of programs and links with neighboring disciplines. The invited speakers are: E.-E. Doberkat, I. Hodkinson, and G. Stefanescu. The Conference Chair is J.N. Oliveira, and the Program Committee Co-chairs are W. Kahl and M. Winter. The local organizers are L.S. Barbosa, M.A. Cunha, and A.N. Ribeiro. For further information, visit `http://ramics2015.di.uminho.pt`.

- IPN CONFERENCE ON SET THEORY AND MODEL THEORY. *October 12–16, 2015*, *Tehran, Iran*. The invited speakers include: J. Baldwin, J. Cummings, M. Golshani, D. Macpherson, S. Mohsenipour, R. Schindler, S. Solecki, and S. Todorcevic. The organizers are A. Enayat and M. Pourmahdian. For further information, visit `http://math.ipm.ac.ir/conferences/2015/set_model_conf`.

- TWENTIETH INTERNATIONAL CONFERENCE ON LOGIC FOR PROGRAMMING, ARTIFICIAL INTELLIGENCE AND REASONING (LPAR-20). *November 24–28, 2015*, *Suva, Fiji*. This conference series provides a forum where researchers in the areas of logic, automated reasoning, computational logic, programming languages and their applications come together to discuss advances in these fields. The conference will be preceded by workshops on November 23rd. For further information, visit `http://www.LPAR-20.org`.

- NEW PATHWAYS BETWEEN GROUP THEORY AND MODEL THEORY. *February 1–4, 2016*, *Mülheim an der Ruhr, Germany*. This event is the successor meeting of the 2011 "Groups and Model Theory" conference (`http://www.enigma-software.de/algebra/agmt/welcome/`) held in the same location. The invited speakers include: I. Dolinka, L. Fuchs, S. Kuhlmann, D. Macpherson, L. Salce, J. Trlifaj, J. Truss, and M. Ziegler. The invited young speakers are: G. Braun, A. Chernikov, K. Dupont, A. Fornasiero, K. Gong, I. Kaplan, F. Karimi, and E. Solak. The organizers are M. Droste, B. Goldsmith, and L. Strüngmann. For further information, visit `http://www.enigma-software.de/algebra/agmt2`.

- SPECIAL SEMESTER ON COMPUTATIONAL COMPLEXITY AND PROOF COMPLEXITY. *April–June 2016*, *St. Petersburg, Russia*. This program will be hosted by the Chebyshev Laboratory at St. Petersburg State University, organized jointly with the Skolkovo Institute of Science and Technology. It will include visiting researchers, visiting Ph.D. students, and two or three workshops. Visiting researchers and students will be able to attend any time during the three month period. A workshop on *Proof Complexity* will be held on May 17–20, 2016, organized by S. Buss and P. Pudlák; the keynote speaker is J. Krajíček. A workshop on *Low-Depth Complexity* will be held May 23–25, 2016, organized by B. Rossman and R. Santhanam; the keynote speaker is R. Williams. There are funding opportunities for graduate students for either short visits or extended stays throughout the semester. There also are funding opportunities for visiting researchers and postdoctoral researchers. The Special Semester is organized jointly by S. Buss (sbuss@ucsd.edu) and E.A. Hirsch (hirsch@pdmi.ras.ru). To inquire about participation or apply for funding, please complete the form on the webpage at `http://en.chebyshev.spb.ru/complexity2016` or contact the organizers directly.

- THEMATIC PROGRAM ON MODEL THEORY. *June 6–24, 2016*, *Notre Dame, Indiana*. This program consists of three components: an Undergraduate Summer School (June 6–10th), Graduate and Postdoc Mini–Courses (June 13–17th), and an International Conference on Model Theory (June 20–24th). The Undergraduate Summer School will include two courses (with lecturers in parentheses): *Introduction to Model Theory I* (A. Tserunyan) and *Introduction to Model Theory II* (G. Conant). The Graduate and Postdoc Mini-Courses are (with lecturers in parentheses): *Continuous Model Theory* (B. Hart); *Descriptive Set Theory and Model Theory* (C. Rosendal); *Stability, Combinatorics, and NIP* (P. Simon); and *Topological Dynamics and Model Theory* (K. Krupiński). The confirmed speakers for the International Conference on Model Theory include: I. Ben-Yaacov, A. Berarducci, A. Berenstein, A. Chernikov, A. Conversano, L. van den Dries, I. Farah, I. Kaplan,

A. Kolesnikov, C. Laskowski, A. Macintyre, M. Malliaris, R. Moosa, L. Newelski, J. Solymosi, C. Steinhorn, F. Wagner, and B. Zilber. This program is supported by the Center for Mathematics at Notre Dame and the U.S. National Science Foundation. The organizers are I. Goldbring, A. Pillay, and S. Starchenko. For further information, visit `https://www3.nd.edu/~cmnd/programs/cmnd2016/`.