

NOTICES

- **2017 SACKS PRIZE AWARDED JOINTLY TO M. HARRISON-TRAINOR AND S. VASEY.** The ASL Committee on Prizes and Awards has selected Matthew Harrison-Trainor of Victoria University, Wellington and Sebastien Vasey of Harvard University to receive the 2017 Sacks Prize. The prize consists of a cash award and five years membership in the ASL for each awardee.

Matthew Harrison-Trainor received his Ph.D. in 2017 from the University of California, Berkeley under the direction of Antonio Montalbán. In his thesis, *The complexity of countable structures*, Harrison-Trainor established many very strong theorems in computable structure theory. Of these results two stand out. His full description of the Scott spectrum of a theory was a very surprising general result whose proof settled several open problems including ones raised by Marker, Sacks, and Montalbán. The second provides a thorough analysis of degree spectra and degrees of categoricity on cones. It shows that the behaviors of these notions are natural in the sense of relativizing to all degrees above some fixed one.

Sebastien Vasey received his Ph.D. in 2017 from Carnegie Mellon University under the direction of Rami Grossberg. In his thesis, *Superstability and categoricity in abstract elementary classes*, Vasey undertook a deep and sustained study of classification theory for abstract elementary classes. Among the many theorems he proved, his eventual categoricity theorem for universal classes is recognized as a landmark achievement towards Shelah's conjecture generalizing Morley's theorem on uncountable categoricity to abstract elementary classes. A second remarkable result is his classification of the stability spectrum for tame AEC's, which may well pave the way for connections with, and applications to, other areas of mathematics.

- **2018 LEE LAVATI PRIZE AWARDED TO ALI NESIN.** The Leelavati Prize, awarded by the International Mathematical Union, recognizes outstanding contributions for increasing public awareness of mathematics as an intellectual discipline and the crucial role it plays in diverse human endeavors. The 2018 Leelavati Prize was awarded to Ali Nesin at the ICM in Rio de Janeiro in recognition of his outstanding contributions and great achievements towards increasing public awareness of mathematics in Turkey, especially because of his tireless work in creating and developing the "Mathematics village" as an exceptional, peaceful place for education, research and the exploration of mathematics for a wide range of people.
- **ASL SECRETARY-TREASURER AND OFFICE TRANSITION.** Charles Steinhorn stepped down as ASL Secretary-Treasurer on May 31, 2018, and the ASL Administrator, Fran Whitney, retired at the end of April 2018. Each had served in those roles for over fifteen years. The ASL Council approved the appointment of Russell Miller (CUNY) and Reed Solomon (UConn) to share the Secretary-Treasurer duties for the remainder of Steinhorn's term that ends on January 1, 2020. Thereafter, Miller and Solomon will be eligible for election to (renewable) 3-year terms. The ASL office has moved from Vassar to the University of Connecticut and Shannon Miller has been hired as the new ASL Administrator. The new ASL office email address is asl@uconn.edu; the new postal address is: ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA. The new telephone number is 1-860-486-3989, and the new fax number is 1-860-486-4238.
- **CALL FOR PROPOSALS: 2020 AMS-ASL JOINT SPECIAL SESSION.** The ASL Committee on Logic in North America seeks proposals for an AMS-ASL Joint Special Session to be held at the Joint Mathematics Meetings in Denver, Colorado, January 15–18, 2020. Proposals or requests for more information should be sent to the Committee Chair, Natasha Dobrinen (email: natasha.dobrinen@du.edu). The deadline for receipt of proposals is January 7, 2019.

- **CALL FOR PROPOSALS: 2021 NORTH AMERICAN ANNUAL MEETING.** The ASL Committee on Logic in North America requests proposals for the 2021 ASL North American Annual meeting to be held some time during the first five months of 2021. 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 between midwest (Macomb 2018), east (New York City 2019), and west (Irvine 2020). Thus, for 2021, the committee seeks a location in the midwest. However, any reasonable proposal will be considered. For more information, interested parties should contact the Committee Chair, Natasha Dobrinen (email: natasha.dobrinen@du.edu), no later than November 15, 2018.
- **PH.D. ABSTRACTS IN LOGIC BEING PUBLISHED IN THE BULLETIN OF SYMBOLIC LOGIC.** This year the Association for Symbolic Logic has begun to publish abstracts of Ph.D. theses in logic in the *Bulletin of Symbolic Logic*. Christian Rosendal is the editor for this new section of the *BSL*. For further information, visit <http://aslonline.org/LogicThesisAbstracts.html>.
- **DISCOUNTED DUES FOR NEW ASL INDIVIDUAL MEMBERS.** The ASL 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, as long as their country of residence is on the ASL’s list of developing economies (see <http://www.aslonline.org/worldbankeconomies.html>).
- **REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES.** The ASL offers reduced dues for individuals and institutions in developing economies. For 2018, 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, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA. Tel: 1-860-486-3989; Fax: 1-860-486-4238; email: asl@uconn.edu.
- **NEW ASL BOOKS.** To see all 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 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 2019 ASL NORTH AMERICAN 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 2019 ASL North American Annual Meeting at the CUNY Graduate Center in New York City. Student members of the ASL 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 the following: (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 2019 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of February 15, 2019 by the Program Chair Wesley Holliday, email wesholliday@berkeley.edu. Applications may only be submitted by email.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the North American Annual Meeting and the European Summer Meeting), applications and recommendations must be received at least three months prior to the start of the meeting at the ASL Business Office: ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA; Fax: 1-860-486-4238; email: asl@uconn.edu. Decisions will be communicated at least two months prior to the meeting.

- 2018–19 ASL WINTER MEETING (WITH JOINT MATHEMATICS MEETINGS). *January 18–19, 2019, Baltimore, Maryland*. This meeting will take place in conjunction with the Joint Mathematics Meetings taking place January 16–19, 2019. The confirmed invited speakers are as follows: N. Dobrinen, D. Cenzer, S. Goncharov, J. Kruger, M. C. Laskowski, D. Marker, and J. Marikova. The members of the Program Committee are S. Cox, V. Harizanov (chair), and A. Kolesnikov. The Joint Mathematics Meetings program includes two joint AMS-ASL special sessions: *Definability and Decidability Problems in Number Theory*, organized by K. Eisentraeger, D. Haskell, J. Park, and A. Shlapentokh; and, *Algorithmic Dimensions and Fractal Geometry*, organized by J. Lutz and E. Mayordomo. There also will be an AMS special session of interest to logicians: *Recent Advances and Trends in Computable Structure Theory (in honor of Jeff Remmel)*, organized by J. Chubb and T. McNicholl. 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 10, 2018, at the ASL Business Office: ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA; fax: 1-860-486-4238; email: asl@uconn.edu.
- 2019 ASL WINTER MEETING (WITH APA). *February 20–23, 2019, Denver, Colorado*. 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 K. Bimbo (chair), P. Girard, and M. Rossberg. The speakers in the three invited sessions are as follows: *Relevance logic*, J. M. Dunn, E. Mares, and A. Urquhart; *Philosophy of mathematics*, P. Blanchette, D. Devidi, and P. Mancosu; and *Modal/intensional logic*, N. Gratzl and H. Leitgeb. 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 16, 2018, at the ASL Business Office: ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA; fax: 1-860-486-4238; email: asl@uconn.edu.
- 2019 ASL NORTH AMERICAN ANNUAL MEETING. *May 20–23, 2019, New York, New York*. The members of the Local Organizing Committee are as follows: E. Antonakos (co-chair), S. Artemov, A. Dolich, S. Friedman (co-chair), G. Fuchs, and J. Hamkins. The members of the Program Committee are S. Buss, J. Franklin, W. Holliday (chair), E. Landry, A. Marks, and J. Nagloo. 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 15, 2019, at the ASL Business Office: ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA; fax: 1-860-486-4238; email: asl@uconn.edu.

- SIXTEENTH ASIAN LOGIC CONFERENCE. *June 17–21, 2019, Nazarbayev University, Astana, Kazakhstan.* The invited speakers include S. Badaev, N. Bazhenov, Q. Feng, S. Fuchino, B. Kim, T. Kihara, B. Kulpeshov, D. Kuske, D. Macpherson, A. Pietarinen, T. Usuba, and S. Zhiwei. The special sessions are *Computability Theory, Model Theory, Set Theory, Logic in Computer Science* and *Philosophical Logic*. The members of the Local Organizing Committee are M. Mustafa and V. Tourassis. The members of the Program Committee are B. Baizhanov, J. Brendle, S. S. Goncharov (chair), G. Wu, K. Ikeda, B. Khoussainov, A. Morozov, H. Ono, Y. Yang, and L. Yu. For further information, visit <http://www.alc2019.kz> or email alc2019@nu.edu.kz.
- 2019 EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '19). *August 11–16, 2019, Prague, Czech Republic.* The members of the Local Organizing Committee are D. Chodounský (co-chair), P. Cintula, R. Honzík, P. Pudlák, N. Thapen, and J. Verner (co-chair).
- 2020 ASL NORTH AMERICAN ANNUAL MEETING. *March 25–28, 2020, Irvine, California.* The members of the Local Organizing Committee are M. Foreman, I. Goldbring (chair), P. Maddy, K. Wehmeier, and M. Zeman.
- 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.
- THIRTEENTH INTERNATIONAL CONFERENCE ON COMPUTABILITY, COMPLEXITY AND RANDOMNESS (CCR 2018). *December 17–21, 2018, Santiago de Chile, Chile.* The topics include the following: algorithmic randomness, computability theory, computational complexity, Kolmogorov complexity, and reverse mathematics and logic. This year’s conference will be partially oriented to explore connections between these topics and the theory of dynamical systems. The invited speakers are F. Cucker, S. Figueira, A. Gajardo, M. Hoyrup, T. Kihara, B. Kra, N. Lutz, A. Maass, K. M. Ng, and P. Shmerkin. The members of the Program Committee are as follows: V. Becher (co-chair), M. Braverman, P. Gács, N. Greenberg, A. Montalbán, H. Towsner, C. Rojas (co-chair), and L. Brown Westrick. The Local Organizing Committee members are as follows: J. Aliste, V. Becher, and C. Rojas. For further information, visit <http://www.mat-unab.cl/~ccr2018/>. (ASL Sponsored Meeting.)
- ELEVENTH PH.DS IN LOGIC CONFERENCE. *April 24–26, 2019, Mathematical Institute of the University of Bern, Switzerland.* This interdisciplinary conference is organized by graduate students and aims to involve graduate students and early postdocs from all over the world. The conference accepts contributions from topics in mathematical logic, philosophical logic, and logic in computer science. It includes tutorials by established researchers as well as short presentations by Ph.D. students, master students, and early postdocs. The organizers are A. Colacito, E. Lehmann, N. Savi, O. Tuyt, and A. Novaro. (ASL Sponsored Meeting.)
- 15TH INTERNATIONAL CONFERENCE OF THE MATHEMATICS EDUCATION FOR THE FUTURE PROJECT, THEORY AND PRACTICE: AN INTERFACE OR A GREAT DIVIDE? *August 4–9, 2019, Maynooth University, Kildare, Ireland.* The Full Preliminary Announcement and Call for Papers is available at <http://directorymathsed.net/public/Ireland/>. For further details, email alan@cdnalma.poznan.pl.