

NOTICES

- **IN MEMORIAM: SOLOMON FEFERMAN.** We report with great sadness that Solomon Feferman died on July 26, 2016 at the age of 87. He suffered what was at first considered a “mild” stroke at the end of April, was hospitalized and then moved to a rehabilitation center before returning home, but his condition worsened rapidly over the summer. He remained in his beloved home on the Stanford Campus during the last few weeks of his life.

Solomon Feferman completed his doctoral work in mathematics at U.C. Berkeley under Alfred Tarski. He joined the Departments of Mathematics and Philosophy at Stanford in 1956 and brought strength, insight and inspiration to the logic community at Stanford for 60 years. He was chair of the Mathematics Department from 1985 to 1992 and served the wider community as President of the Association for Symbolic Logic from 1980 to 1982. He was the Patrick Suppes Family Professor and a fellow of the American Academy of Arts and Sciences.

Sol’s outstanding accomplishments as a mathematical logician were recognized in the most public way when he received the prestigious Rolf Schock Prize in Logic and Philosophy in 2003. When awarding the prize to him, the committee particularly emphasized his work on the arithmetization of metamathematics, on progressions of theories and on predicativity. Sol was a leader in mathematical logic internationally with a deep influence, in particular, on work in proof theory and its connections to the foundations of mathematics. He helped to turn the attention of the logic community to the modern evolution of the subject: he was the editor-in-chief of Kurt Gödel’s Collected Works and co-authored a biography of Alfred Tarski with his wife Anita.

In his retirement, he remained deeply engaged in logical work. At Stanford, he continued to conduct the logic seminar every term. He was working with Gerhard Jäger and Thomas Strahm on a large book project concerning his particular approach to the foundations, *Explicit Mathematics*. He still traveled and lectured widely. Indeed, at the end of April he gave a marvelous lecture at a Workshop in honor of Charles Parsons, held at Columbia University.

He will be remembered as a disciplined, insightful and kind colleague; he was a supportive and inspiring mentor not only to his many Ph.D. students, but also to a great number of postdoctoral fellows and junior colleagues from all around the world; he was a thoughtful and loyal friend. He is already being sorely missed.

- **THE 2016 ASL ELECTION.** At the end of this year the ASL will elect a Secretary-Treasurer, two members of the Executive Committee of the Council, and two members of the Council. All terms are for three years beginning January 1, 2017. The ballot was sent to all ASL members with the November ASL Newsletter. The 2016 Nominating Committee has nominated Charles Steinhorn (Vassar) as Secretary-Treasurer, André Nies (Auckland) and Boban Velickovic (Paris 7) for the Executive Committee positions, and Juliette Kennedy (Helsinki) and Peter Koellner (Harvard) for the Council positions. The Nominating Committee consisted of Sam Buss, Zoé Chatzidakis, Su Gao, Martin Grohe, Antonio Montalbán, Itay Neeman, Kazuyuki Tanaka, Alasdair Urquhart (Chair), Alex Wilkie, and Richard Zach.
- **THE 2015 SACKS PRIZE AWARDED JOINTLY TO O. BEN-NERIA AND M. LUPINI.** The ASL Committee on Prizes and Awards (with D. Marker and R. Shore replacing A. Montalbán, T. Scanlon, and F. Wagner, who recused themselves for these deliberations) has selected Omer Ben-Neria of the University of California, Los Angeles, and Martino Lupini of the California Institute of Technology as the recipients of the 2015 Sacks Prize. The prize consists of a cash award plus five years free membership in the ASL for each awardee.

Ben-Neria received his Ph.D. in 2015 from Tel Aviv University under the supervision of Moti Gitik. In his thesis, *The Possible Structure of the Mitchell Order*, he proved the remarkable result that, under suitable large cardinal assumptions on the cardinal κ , every well-founded partial order of cardinality κ can be realized as the Mitchell order of κ in some forcing extension. The Prizes and Awards Committee noted that the proof is a tour de force combination of sophisticated forcing techniques with the methods of inner model theory.

Lupini received his Ph.D. in 2015 from York University, Toronto under the supervision of Ilijas Farah. His thesis, *Operator Algebras and Abstract Classification*, includes a beautiful result establishing a fundamental dichotomy in the classification problem for the automorphisms of a separable unital C^* -algebra up to unitary equivalence, as well as a proof that the Gurarij operator space is unique, homogeneous, and universal among separable 1-exact operator spaces. The Prizes and Awards Committee noted that his thesis exhibits a high level of originality, as well as technical sophistication, in a broad spectrum of areas of logic and operator algebras.

- **EXTENSION OF NOMINATION DEADLINE FOR 2016 SHOENFIELD ARTICLE PRIZE.** The nomination deadline for the 2016 Shoenfield Article Prize has been extended to December 31, 2016. The Shoenfield Prize is awarded for outstanding expository writing in the field of logic. Any article published in the past 6 years may be considered for this award. Nominations should be submitted to Simon Thomas (sthomas@math.rutgers.edu), Chair of the ASL Committee on Prizes and Awards.
- **GONCHAROV ELECTED ACADEMICIAN OF THE RUSSIAN ACADEMY OF SCIENCES.** Sergey S. Goncharov, Professor in the Department of Mechanics and Mathematics of Novosibirsk State University and Director of the Sobolev Institute of Mathematics, has been elected as an academician (full member) of Russian Academy of Sciences.
- **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, US\$18 for 2017, (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 2017, 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 2017 are US\$47. The privileges attached to Retired 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 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 2017 ASL EUROPEAN SUMMER 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 2017 ASL European Summer Meeting in Stockholm, Sweden; see below for information about this meeting. 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 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 2017 ASL European Summer Meeting, applications and recommendations should be received by the deadline of May 8, 2017. They should be submitted electronically, by email to lc2017-grants@math.su.se; see the application instructions on <https://www.lc17.conf.kth.se>. If electronic submission is not possible, applications and recommendations should be mailed to: Attn: Logic Colloquium 2017, Stockholm University, Department of Philosophy, SE-10691 Stockholm, Sweden.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2017 North American Annual Meeting and the 2017 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.

- **2017 ASL NORTH AMERICAN ANNUAL MEETING.** *March 20–23, 2017, Boise, Idaho.* The twenty-eighth annual Gödel Lecture will be delivered by C. Parsons. The invited speakers include: M. Aschenbrenner, C. Conley, I. Kalimullin, P. Koellner, A. Rinot, M. Seisenberger, and C. Terry. A tutorial will be offered by V. Harizanov. Special sessions (with organizers in parentheses) include: Computable structures (D. Hirschfeldt and R. Miller), Computer-aided proofs (S. Buss and V. Ganesh), Continuous model theory (B. Hart and W. Henson), Proofs in mathematical practice (K. Easwaran and C. Dutilh Novaes), and Set theory and its applications to analysis and topology (M. Hrusak and M. Scheepers). The members of the Program Committee are: L. Babinkostova, G. Cherlin, B. Csima, A. Kolokolova, and J. Moore (Chair). The Local Organizing Committee includes: L. Babinkostova, A. Cortens, S. Coskey, S. Crowley, R. Holmes, A. Jackson, and M. Scheepers (Chair). Electronic registration is available at http://www.aslonline.org/meeting_registrationsecure.html. For further information, visit <https://asl2017.boisestate.edu>.

- 2016–17 ASL SPRING MEETING (WITH APA). *April 12–15, 2017, Seattle, Washington*. This meeting will be held jointly with the Annual Meeting of the Pacific Division of the American Philosophical Association. There will be three invited sessions (with speakers in parentheses): *Inclusiveness in logic education* (organized by A. Yap on behalf of the ASL Committee on Logic Education, with details to come); *Intuitionistic mathematics and logic* (R. Iemhoff, J. Rand Moschovakis, and M. van Atten); and, *Modality and modal logic* (P. Fritz, T. Lando, and F. Liu). The members of the Program Committee are W. Holliday, A. Yap, and R. Zach (Chair). Information about registration and hotel reservations can be found at <http://www.apaonline.org/event/2017pacific>.
- SEVENTEENTH LATIN AMERICAN SYMPOSIUM ON MATHEMATICAL LOGIC (SLALM 2017). *June 26–30, 2017, Puebla, México*. The Simposio Latinoamericano de Lógica Matemática became an official ASL meeting by ASL Council action in May 2016. The invited plenary speakers include: C. Areces, A. Berenstein, D. Dzhabfarov, J. Lopez-Abad, G. Metcalfe, and F. Zalamea. The following tutorials will be offered (with speakers in parentheses): Logic/AI (M. Finger), Model theory (P. Simon), Non-Classical Logics/Philosophical Logic (M. Coniglio), and Set theory (C. Brech). Special sessions include: Computability, Logic and computer science, Model theory, Philosophy of logic/Philosophical logic/Non-classical logics, Proof theory, and Set theory. The members of the Program Committee are: V. Becher, X. Caicedo, W. Carnielli (Chair), N. Dobrinen, C. Di Prisco, Antonio Montalbán, R. Morado, M. Osorio, S. Todorcevic, and B. Zilber. The Local Organizing Committee includes: D. Meza Alcantara, R. Rojas Barbachano, R. Monroy Borja, C. Zepeda Cortés, U.A. Ramos García, L. Estrada González, M. Alvarado Mentado, A. Ramírez Paramo, F.E. Miranda Perea, J.R.E. Arrazola Ramírez (Chair), M. Martínez Ruiz, and M. Fernández de Castro Tapia. For further information, visit <http://www.fcfm.buap.mx/SLALM2017>.

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). The deadline for submissions is February 24, 2017, and the instructions will be available in December.

- 2017 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '17). *August 14–20, 2017, Stockholm, Sweden*. The Program Committee members are: R. Downey, M. Džamonja (Chair), A. Enayat, F. Ferreira, V. Goranko, M. Hils, S. Negri, A. Rinot, and I. Walukiewicz. The Local Organizing Committee includes: M. Dam, V. Goranko (Co-Chair), S.-O. Hansson, V. Koponen, R. Loukanova, P. LeFanu Lumsdaine, P. Pagin, E. Palmgren (Co-Chair), and D. Westerståhl. For further information, visit <https://www.lc17.conf.kth.se>.

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 should be submitted as pdf files at <https://easychair.org/conferences/?conf=lc2017>; for submission instructions see <https://www.lc17.conf.kth.se/submissions.html>. The deadline for submissions is May 5, 2017. If electronic submission is not possible, abstracts should be mailed to: Prof. Mirna Džamonja, PC chair: Logic Colloquium 2017, School of Mathematics, University of East Anglia, Norwich, NR 4 7TJ, UK.

- 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 APPLICATIONS. *January 16–19, 2017, Mons, Belgium*. The invited speakers include: L. Bélair, A. Bès, Z. Chatzidakis, R. Cluckers, P. D’Aquino, A. Forey, A.M.W. Glass, I. Halupczok, J. Kirby, A. Macintyre, D. Macpherson, N. Mariaule, M. Prest, M. Rigo, K. Tent, and F. Wagner. The members of the Scientific Committee are: R. Cluckers, F. Delon, I. Halupczok, and F. Point. The Organizing Committee includes: Q. Brouette, P.-E. Caprace, C. Michaux, M. Rigo, and M. Volkov. For further information, visit <http://www.mathconf.org/mta2017/>. (ASL Sponsored Meeting.)
- THIRTY-SECOND ANNUAL ACM/IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS 2017). *June 20–23, 2017, Reykjavik, Iceland*. The LICS Symposium is an annual forum on

theoretical and practical topics in computer science that relate to logic. This event marks the thirtieth anniversary of LICS. The Program Committee Chair is J. Ouaknine, the Conference Chairs are L. Aceto and A. Ingólfssdóttir, the Workshop Chair is P. Bouyer, the Publicity and Proceedings Chair is S. Staton, and the General Chair is M. Grohe. The deadline for submission of titles and short abstracts is January 3, 2017; for full papers it is January 9, 2017. The Kleene Award for the best student paper, sponsored by the European Association for Theoretical Computer Science (EATCS), will be presented at the symposium. For further information, visit <http://lics.rwth-aachen.de/lics17/index.html>. (ASL Sponsored Meeting.)

- **SIXTH EUROPEAN SET THEORY CONFERENCE.** *July 3–7, 2017, Budapest, Hungary.* The invited speakers include: O. Ben-Neria, M. Doucha, A. Dow, V. Fischer, M. Golshani, Y. Hayut, M. Hrusak, P. Komjáth, M. Kurillic, P. Luecke, M. Malicki, M. Malliaris, D. Mejia, B. Miller, J. Moore, I. Neeman, D. Raghavan, S. Solecki, D. Soukup, S. Unger, and T. Usuba. A three lecture tutorial will be offered by A. Rinot. The Chair of the Program Committee is I. Juhász and the Chair of the Local Organizing Committee is L. Soukup. For further information, visit <https://sites.google.com/site/6thestc/>. (ASL Sponsored Meeting.)
- **ELEVENTH PANHELLENIC LOGIC SYMPOSIUM.** *July 12–16, 2017, Olympia, Greece.* This biennial scientific event in logic was established in 1997 with the aim of promoting interaction and cross-fertilization among different areas of logic. The invited speakers include: Z. Chatzidakis, H. Leitgeb, Y. Moschovakis, A. Sorbi, W. Thomas, and T. Williamson. The following tutorials will be offered (with speakers in parentheses): Computable model theory (V. Harizanov), Model theory (A. Pillay), and O-minimality (Y. Peterzil). Special sessions (with organizers in parentheses) include Computability theory (A. Soskova) and Model theory (P. Eleftheriou and R. Sklínos). The Chair of the Program Committee is A. Soskova and the Chair of the Organizing Committee is A. Kakas. For further information, visit <http://pls11.cs.ntua.gr>. (ASL Sponsored Meeting.)
- **TABLEAUX 2017/FroCoS 2017/ITP 2017.** *September 25–29, 2017, Brasilia, Brazil.* This event brings together the Twenty-sixth International Conference on Automated Reasoning with Analytic Tableaux and Related Methods, Eleventh International Symposium on Frontiers of Combining Systems, and Eighth Conference on Interactive Theorem Proving and Related Issues. The Co-Chairs of the TABLEAUX 2017 Program Committee are C. Nalon and R. Schmidt. The Co-Chairs of the FroCoS 2017 Program Committee are C. Dixon and M. Finger. The Co-Chairs of the ITP 2017 Program Committee are M. Ayala-Rincon and C. Munoz. The members of the combined Organizing Committee are J. Marcos, C. Nalon, D. Nantes Sobrinho, and E. Pimentel. For further information, visit either <http://tableaux2017.cic.unb.br> or <http://frocoss2017.cic.unb.br/> or <http://itp2017.cic.unb.br/>. (ASL Sponsored Meeting.)
- **VERY INFORMAL GATHERING OF LOGICIANS AT UCLA (VIG 2017).** *February 3–5, 2017, Los Angeles, California.* The invited speakers are I. Ben-Yaacov (Hjorth lecture), P. Hieronymi, E. Landry, J. Miller, K. Peterzil, D. Sinapova, S. Thomas, T. Tsankov, and R. Williams. It is expected that travel grants will be available for graduate students and faculty in early career stages; to apply, contact the organizers by December 1st. For further information visit <http://www.logic.ucla.edu/vig2017/>.
- **16TH INTERNATIONAL CONFERENCE ON RELATIONAL AND ALGEBRAIC METHODS IN COMPUTER SCIENCE (RAMiCS 2017).** *May 15–19, 2017, Lyon, France.* For more than two decades, this conference series has been the main venue for research on relation algebras, Kleene algebras and similar algebraic formalisms, and their applications as conceptual and methodological tools in computer science and beyond. The invited speakers include: A. McIver, J.-É. Pin, and A. Silva. The Conference Chair is D. Pous and the Program Committee Co-Chairs are P. Höfner and G. Struth. For further information visit <http://ramics-conference.org>.
- **TWENTY-NINTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2017).** *July 17–28, 2017, Toulouse, France.* The European Summer School 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 S. Vasishth. ESSLLI-2017 is organized under the auspices of the Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2017, visit <https://www.irit.fr/esslli2017/>; for further information about FoLLI, visit <http://www.folli.info>.

- THIRTIETH INTERNATIONAL WORKSHOP ON DESCRIPTION LOGICS (DL 2017). *July 18–21, 2017, Montpellier, France*. This event is the major annual event of the description logic research community. It is the forum at which those interested in description logics, both from academia and industry, meet. The invited speakers are: M. Krötzsch, A. Pieris, and U. Sattler. The Program Chairs are A. Artale and B. Glimm. The General Chairs are M. Bienvenu and M.L. Mugnier. For further information visit <http://dl.kr.org/dl2017/>.
- MATHEMATICS EDUCATION FOR THE NEXT DECADE: HEURISTICS AND CHALLENGES OF PÓLYA AND LAKATOS. *September 10–15, 2017, Balatonfüred, Lake Balaton, Hungary*. This event is the Fourteenth International Conference of The Mathematics Education for the Future Project. The Coordinator of the Program Committee is A. Rogerson. For further information visit <http://directorymathsed.net/montenegro/AAAAHungarytFirstAnnouncementDraft.pdf>.
- MODEL THEORY OF OPERATOR ALGEBRAS: WORKSHOP AND CONFERENCE. *September 20–24, 2017, Irvine, California*. The model-theoretic study of operator algebras is one of the newest and most exciting areas of modern model theory and has already found applications to purely operator-algebraic problems. The goal of this meeting is to help further bridge the gap between the model-theoretic and operator-algebraic communities. The invited speakers are: H. Ando, C. Eagle, I. Farah, S. Hardy, M. Lupini, S. Popa, D. Sherman, and D.V. Voiculescu. The following tutorials will be offered (with speakers in parentheses): C^* -algebras (T. Sinclair), Continuous model theory (B. Hart), and Von Neumann algebras (A. Ioana). Please direct any questions to isaac@math.uci.edu. For further information visit <http://www.math.uci.edu/~isaac/career.html>.
- MODEL THEORY, COMBINATORICS AND VALUED FIELDS: TRIMESTER AT THE INSTITUT HENRI POINCARÉ. *January 8–April 6, 2018, Paris, France*. The three themes of this program are: Model theory and application to combinatorics, Model theory of valued fields and applications, and Applications of model theory in geometry, analysis and number theory. In addition to weekly seminars and courses, the trimester will have four meetings (with dates in parentheses): Model theory, combinatorics and valued fields (introductory preschool of the trimester, January 8–12, 2018, at CIRM, Luminy), Model theory and applications to combinatorics (February 5–9, 2018), Model theory of valued fields and applications (March 5–9, 2018), and Model theory and applications (March 26–30, 2018). The Scientific Committee includes: E. Bouscaren, E. Breuillard, E. Hrushovski, F. Loeser, A. Pillay, and T. Scanlon. The members of the Organizing Committee are: E. Bouscaren, Z. Chatzidakis, M. Hils, D. Macpherson, and F. Wagner. For further information visit <http://modvac18.math.ens.fr/>.