

NOTICES

- 2013 KARP PRIZE TO BE AWARDED AT LOGIC COLLOQUIUM 2014. The eighth Carol Karp Prize is to be jointly awarded to Moti Gitik for his work in set theory, especially applications of large-cardinal forcings to *pcf*-theory, and to Ya'acov Peterzil, Jonathan Pila, Sergei Starchenko, and Alex Wilkie for their work in model theory, especially as applied to questions in number theory. The prizes will be awarded at the ASL European Summer Meeting (Logic Colloquium) in July. The Karp Prize, established in 1973 in memory of Professor Carol Karp, is awarded every five years. The award is made by the Association, on recommendation of the ASL Committee on Prizes and Awards, for a “connected body of research, most of which has been completed in the time since the previous prize was awarded.” The winners will share a \$5,000 cash award. Lectures on the prize-winning work will be delivered at the award ceremony.
- 2013 SHOENFIELD PRIZES AWARDED AT 2014 NORTH AMERICAN ANNUAL MEETING. Upon the recommendation of the ASL Committee on Prizes and Awards, the winners of the 2013 Shoenfield Prizes for outstanding expository writing in the field of logic have been selected. The prizes were awarded formally at the 2014 ASL North American Annual Meeting in Boulder, Colorado.

The Shoenfield Prize for a book has been awarded to Stevo Todorćević for *Introduction to Ramsey Spaces* (Annals of Mathematics Studies, vol. 174, Princeton University Press, Princeton, NJ, 2010). The prize carries a cash award of \$1,500.

The Shoenfield Prize for an article has been awarded to Itai Ben Yaacov, Alexander Berenstein, C. Ward Henson, and Alexander Usvyatsov for “Model Theory for Metric Structures,” published in *Model Theory with Applications to Algebra and Analysis*, Vol. II, (edited by Z. Chatzidakis, D. Macpherson, A. Pillay, and A. Wilkie), Lecture Notes of the London Mathematical Society, No. 350, Cambridge University Press, 2008, 315–427. This prize carries a cash award of \$1,000 to be shared by the winning co-authors.

The Shoenfield prize was established by the ASL to honor the late Joseph R. Shoenfield for his many outstanding contributions to logic and to the ASL. Generations of logicians have especially valued Shoenfield’s expository gifts, and his writings provide models of lucidity and elegance. For general information about the Prize, visit <http://www.aslonline.org/info-prizes.html>.

- THE 2013 SACKS PRIZE AWARDED JOINTLY TO A. CHERNIKOV AND N. MARIAULE. The ASL Committee on Prizes and Awards (with S. Lempp, D. Marker (as acting Chair), and J. Moore replacing E. Hrushovski, T. Slaman, and S. Thomas, who recused themselves for these deliberations) has selected Artem Chernikov of the Université Paris 7-Diderot and MSRI and Nathanaël Mariaule of the Seconda Università di Napoli as the recipients of the 2013 Sacks Prize. The prize consists of a cash award plus five years free membership in the ASL for each awardee.

Chernikov received his Ph.D. in 2012 from Université Claude Bernard–Lyon 1 under the supervision of Itai Ben Yaacov. His thesis, *Sur les théories sans la propriété de l’arbre du second type* (On theories without the tree property of the second kind), is a fundamental contribution to the development of model theory in unstable theories. He develops a good theory of forking in NTP_2 -theories, a class containing all simple theories and all NIP theories, and shows that the ultraproduct of p -adic fields, as p varies, is NTP_2 .

Mariaule received his Ph.D. in 2013 from Manchester University under the direction of Alex Wilkie. In his thesis, *On the decidability of the p -adic exponential ring*, Mariaule solved a

long-standing problem in the model theory of the ring of p -adic integers with exponentiation. He proved an effective model completeness theorem and, using an appropriate version of Schanuel's Conjecture, showed decidability.

- **2014 SACKS PRIZE.** The ASL invites nominations for the 2014 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2014. 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 2014 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, 2013, and September 30, 2014, 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 stomas@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.

- **ASL MEMBERSHIP DUES INCREASE.** The ASL Secretary-Treasurer will recommend to the ASL Council that in the year 2015 the dues for individual membership in the Association be increased to US\$94; in 2014 the dues are US\$88, and they have been at this rate since 2012. (For emeritus, student, and unemployed members, the 2015 dues will be US\$47 and in 2014 they are US\$44, as they have been since 2012.) Dues for Outreach individual members will remain unchanged at \$18. According to the ASL Constitution, if by August 1, 2014, at least 5 percent of the individual members petition the Secretary-Treasurer, the increase in dues would have to be approved in the 2014 ASL Election by a majority of those voting.
- **CALL FOR PROPOSALS: 2017 NORTH AMERICAN ANNUAL MEETING.** The ASL Committee on Logic in North America requests proposals for the 2017 ASL North American Annual meeting, to be held some time in the first five months of 2017. 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: west (Boulder 2014), midwest (Urbana 2015), east (Connecticut 2016). Thus, for 2017 the committee seeks a location in the west. 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 3, 2014.
- **CALL FOR PROPOSALS: 2016 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 Seattle, January 6–9, 2016. 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 5, 2015.

- **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>.
- **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.
- **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 2015 North American Annual Meeting and the 2015 European Summer Meeting; the announcement for travel award applications for these meetings will be made in the fall of 2014). 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 ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2015 North American Annual Meeting and the 2015 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.

- **2014 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '14).** *July 14–19, 2014, Vienna, Austria.* Logic Colloquium '14 will take place during the Vienna Summer of Logic (see below). The twenty-fifth annual Gödel Lecture will be delivered by J. Knight. The invited speakers are: A. Bauer, P. Blanchette, K. Eisenträger, A. Cordon Franco, V. Fischer, N. Greenberg, L. Kołodziejczyk, B. Miller, M. Reynolds, M. Soskova, and A. Visser. Tutorials will be offered by K. Apt and A. Miquel. Special Sessions (with organizers in parentheses) that are planned include: Logic of games and rational choice (R. Ramanujam), Model theory (Z. Chatzidakis), Perspectives on induction (M. Baaz, S. Hetzl; joint with LICS/CSL), Philosophy of mathematics (Ø. Linnebo), The place of logic in computer science education (H. Veith and R. Zach), Recursion theory (E. Fokina and D. Turetsky), and Set theory (M. Goldstern and J. Kellner). The Program Committee members are: Z. Adamowicz, J. Avigad (Chair), M. Bezem, S. Friedman, J. Koenigsmann, K. Lodaya, P. Oliva, T. Slaman, and R. Zach. The Local Organizing Committee includes: M. Baaz (Chair), A. Ciabattoni, S. Eberhard, M. Goldstern, and S. Hetzl (Co-chair). For more information, visit <http://www.logic.at/lc2014/>.
- **2014–15 ASL WINTER MEETING (WITH APA).** *December 27–30, 2014, Philadelphia, Pennsylvania.* This meeting will be held jointly with the Annual Meeting of the Eastern Division of the American Philosophical Association. The members of the Program Committee are V. Tannen and S. Weinstein (Chair). 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 12, 2014, 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.

- 2014–15 ASL WINTER MEETING (WITH JOINT MATHEMATICS MEETINGS). *January* 10–13, 2015, *San Antonio, Texas*. This meeting will take place in conjunction with the Joint Mathematics Meetings. The members of the Program Committee are W. Calvert, S. Jackson (Chair), and M. Malliaris. 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 8, 2014, 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 submitting them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.
- COMPUTABILITY IN EUROPE 2014 (CiE 2014): LANGUAGE, LIFE, LIMITS. *June* 23–27, 2014, *Budapest, Hungary*. This is the tenth in a series organized by Computability in Europe (CiE). The special focus of the conference is on relations between computational linguistics, natural and biological computing, and more traditional fields of computability theory. Tutorials will be offered by P. Grünwald and W. Thomas. The invited speakers include: L. Beklemishev, A. Carbone, M. Fernandez, P. Prusinkiewicz, E. Tardos, and A. Visser. Special sessions on the following topics also are planned (with organizers in parentheses): Bio-inspired Computation (M. Gheorghe and F. Manea), Complexity in Automata Theory (M. Lohrey and G. Pighizzini), Computability Theory (B. Csima and K. Lange), Computational Linguistics (M.D. Jiménez-López and G. Prószéky), History and Philosophy of Computing (L. de Mol and G. Primiero), and Online Algorithms (J. Boyar and C. Imreh). The Program Committee Co-chairs are E. Csuhaj-Varjú and K. Meer, and the Chair of the Steering Committee is A. Beckmann. For more information, visit <http://cie2014.inf.elte.hu>. (ASL Sponsored Meeting.)
- RECENT DEVELOPMENTS IN THE APPLICATIONS OF MODEL THEORY TO ALGEBRAIC, ANALYTIC AND DIOPHANTINE GEOMETRY. *July* 7–11, 2014, *Edinburgh, Scotland*. This conference is in honor of the retirement of Angus Macintyre. The invited speakers include: M. Bays, G. Cherlin, R. Cluckers, J. Denef, J. Derakhshan, L. van den Dries, A. Fornasiero, J. Gordon, D. Haskell, G. Jones, M. Karpinski, F. Loeser, A. Medvedev, C. Perin, J. Pila, F. Point, and F. Wagner. The Organizers are: P. D’Aquino, J. Koenigsmann, M. Otero, A. Wilkie, and B. Zilber. For further information, visit <http://www.icms.org.uk/workshop.php?id=298>. (ASL Sponsored Meeting.)
- TWENTY-THIRD EACSL ANNUAL CONFERENCE (CSL) AND TWENTY-NINTH ANNUAL ACM/IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS 2014). *July* 14–18, 2014, *Vienna, Austria*. The organizers of these two series of meetings have chosen to join the 2014 editions into a single event within the Sixth Federated Logic Conference (FLoC 2014) that will take place during the Vienna Summer of Logic 2014 (see below). CSL is the annual meeting of the European Association for Computer Science Logic (EACSL) intended for computer scientists whose research activities involve logic, as well as for logicians working on issues significant for computer science. The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic. The Program Committee Chairs are T.A. Henzinger and D. Miller, the Workshop Chairs are P. Bouyer-Decitre and G. Moser, and the members of the Local Organizing Committee are K. Chatterjee and J. Otop. For further information,

visit <http://lii.rwth-aachen.de/lics/cs1-lics14/index.html>. (ASL Sponsored Meeting.)

- XVI LATIN AMERICAN SYMPOSIUM ON MATHEMATICAL LOGIC (SLALM 2014). *July 28–August 1, 2014, Buenos Aires, Argentina*. The invited plenary speakers are: V. Becher, L. Beklemishev, O. Chateaubriand, P. Jipsen, and S. Todorcevic. The confirmed tutorial courses (with topics in parentheses) are to be offered by: M. Magidor (Set Theory), A. Montalbán (Computability Theory), K. Peterzil (Model Theory), and L. Spada (Non Classical Logics). Special sessions on the following topics also are planned (with organizers in parentheses): Computability Theory (C. Areces and T. Slaman), Model Theory (A. Berenstein and C. Steinhorn), Non-Classical Logics (M. Busaniche and F. Montagna), and Set Theory (J. Bagaria and C. Uzcátegui). The members of the Program Committee are: J. Bagaria, X. Caicedo, W. Carnielli, R. Cignoli (Chair), R. de Queiroz, C. Di Prisco, J. Iovino, F. Montagna, T. Slaman, and C. Steinhorn. The Local Organizing Committee includes: C. Areces, M. Busaniche, S. Figueira, R. Grimson, J. Legris, R. Rodríguez, P. Sánchez Terraf, and H. San Martín. For further information, visit <http://www-2.dc.uba.ar/congresos/slalm2014/>. (ASL Sponsored Meeting.)
- TWENTY-SIXTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2014). *August 11–22, 2014, Tübingen, Germany*. 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 F. Veltman and the Local Co-chair is C. Ebert. The Chair of the Organizing Committee is G. Jäger. ESSLLI-2014 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2014, visit <http://www.esslli2014.de/>; for further information about FoLLI, visit <http://www.folli.info/>. (ASL Sponsored Meeting.)
- NINTH SCANDINAVIAN LOGIC SYMPOSIUM (SLS'2014). *August 25–27, 2014, Tampere, Finland*. This event is the biannual meeting of the Scandinavian Logic Society (<http://scandinavianlogic.org/>). The scope of SLS'2014 is broad, ranging over the whole of mathematical and philosophical logic, as well as logical methods in computer science, artificial intelligence, linguistics, etc. Major topics include (but are not limited to): algebra and logic, categorical logic, computability theory, constructivism, logic and computer science, logic and linguistics, logic in AI and multi-agent systems, logics of games, model theory, non-classical logics, philosophical logic, proof theory, and set theory. Invited speakers include: T. Ågotnes, M. Gehrke, V. Halbach, A. Törnquist, and J. Väänänen. The Co-Chairs of the Program Committee are V. Goranko and S. Negri and the Chair of the Local Organizing Committee is L. Hella. For further information, visit <http://www.sis.uta.fi/SLS2014/>. (ASL Sponsored Meeting.)
- TWENTY-FIRST WORKSHOP ON LOGIC, LANGUAGE, INFORMATION AND COMPUTATION (WOLLIC'2014). *September 1–4, 2014, Valparaiso, Chile*. This is the twenty-first in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is U. Kohlenbach. The Co-chairs of the Organizing Committee are P. Barceló and R. de Queiroz. For further information, visit <http://wollic.org/wollic2014/>. (ASL Sponsored Meeting.)
- NORTH AMERICAN SUMMER SCHOOL IN LOGIC, LANGUAGE, AND INFORMATION (NASSLLI 2014). *June 23–27, 2014, College Park, Maryland*. This event, loosely modeled on the long-running ESSLLI series in Europe (see <http://www.esslli2014.de/>), will consist of courses and workshops with a focus on interdisciplinary work from a wide range of disciplines. Three intensive introductory courses (“bootcamps”) will be run on June 21–22; additional events will be held following the summer school on June 28–29. The Program Committee Chairs are T. Icard and M. Simons and the Co-Chairs of the Organizing Committee are V. Hacquard and E. Pacuit. The Steering Committee includes: D. Beaver, P. Kolaitis, L. Moss, V.

de Paiva, S. Shieber, and M. Vardi. For more information, visit <http://www.nass11i2014.com/>.

- VIENNA SUMMER OF LOGIC 2014. *July 9–24, 2014, Vienna, Austria*. This event consists of several co-located conferences organized in three streams: Logic in Computer Science/Federated Logic Conference; Mathematical Logic; and Logic in Artificial Intelligence. The opening speaker is D. Scott, and the keynote speakers are: F. Baader, E.M. Clarke, C. Papadimitriou, and A. Wilkie. Eight conferences are included in the Logic in Computer Science/Federated Logic Conference stream: the Twenty-sixth International Conference on Computer-Aided Verification (CAV), the Twenty-seventh IEEE Computer Security Foundations Symposium (CSF), the Thirtieth International Conference on Logic Programming (ICLP), the Seventh International Joint Conference on Automated Deduction (IJCAR), the Fifth Conference on Interactive Theorem Proving, the ASL-sponsored Joint meeting of the Twenty-third EACSL Annual Conference on Computer Science Logic (CSL) and the Twenty-ninth ACM/IEEE Symposium on Logic in Computer Science (LICS), the Twenty-fifth International Conference on Rewriting Techniques and Applications (RTA) joint with the Twelfth International Conference on Typed Lambda Calculi and Applications (TLCA), and the Seventeenth International Conference on Theory and Applications of Satisfiability Testing (SAT). The Mathematical Logic stream includes four conferences: the European Summer Meeting of the ASL (Logic Colloquium 2014), the Infinity Workshop, Logic, Algebra and Truth Degrees 2014, and the Kurt Gödel Fellowship Conference. The three conferences in the Logic in Artificial Intelligence stream are: the Fourteenth International Conference on Principles of Knowledge Representation and Reasoning (KR), the Twenty-seventh International Workshop on Description Logics (DL), and the Fifteenth International Workshop on Non-Monotonic Reasoning (NMR). The Organization Committee for the Vienna Summer of Logic includes: M. Baaz (Chair), A. Ciabattoni, T. Eiter (Co-Chair), G. Gottlob, T. Henzinger, A. Leitsch, V. Sabljakovic-Fritz (Organization Chair), S. Szeider, and H. Veith (Co-Chair). For further information, visit <http://vs12014.at/>.
- ADVANCES IN MODAL LOGIC (AiML) 2014. *August 5–8, 2014, Groningen, The Netherlands*. This is the tenth conference in a series aimed at presenting an up-to-date picture of the state of the art in modal logic and its many applications. The Co-chairs of the Program Committee are R. Gore and A. Kurucz. The Chair of the Organizing Committee is B. Kooi. For further information visit <http://www.philos.rug.nl/AiML2014/>.