

## NOTICES

- **IN MEMORIAM: JOACHIM LAMBEK.** Joachim Lambek (Jim for friends) passed away on June 23, 2014 in Montreal. He was born in Leipzig on December 5, 1922, his parents having moved to Leipzig from a small town near Krakow, Poland. In the late 1930's the family left Germany for England. After the outbreak of the Second World War, he spent two years in an internment camp in Canada, then entered McGill University in Montreal, where he earned an M.Sc. in mathematics in 1946. McGill remained his affiliation throughout his academic career. In the years 1963–1993 he was a professor in the Department of Mathematics and Statistics and occupied the Peter Redpath Chair. Upon retirement he was a professor emeritus at McGill. He visited many universities and research centers in Europe and America.

Lambek's scientific interests focused on algebra, category theory, mathematical logic, mathematical linguistics, and number theory. In category theory he developed categorical logic, e.g., he showed close connections between cartesian closed categories and typed lambda calculi. In mathematical linguistics, Lambek's Syntactic Calculus, introduced in 1958—nowadays called Lambek Calculus—is a basic logic for modern type grammars. This calculus and its different variants are extensively studied also in algebraic logic as the basic substructural logics. During the last couple of decades, Lambek developed an algebraic approach to grammar, involving pregroups. He also studied some algebras of physics (quaternions) and published books on the history of mathematics.

Lambek's connections with the Polish logical community were quite close. Syntactic Calculus was presented as an extension of the type reduction system of Ajdukiewicz (1935). Lambek often referred to works of the greatest Polish logicians (Tarski, Mostowski, Rasiowa, and Grzegorzczk). His ideas in formal grammar were further elaborated by several Polish mathematicians of a younger generation, mainly in Poznan and Olsztyn.

Lambek also was a member of the Editorial Board of *Studia Logica*. Two special issues of *Studia Logica* (71.3 (2002) and 87.2-3 (2007)) were dedicated to him on the occasion of his 80th and 85th birthdays.

- **THE 2014 ASL ELECTION.** At the end of this year the ASL will elect two members of the Executive Committee of the Council and two members of the Council. All terms are for three years beginning January 1, 2015. The ballot will be sent to all ASL members with the November Newsletter. The 2014 Nominating Committee has nominated Verónica Becher (Buenos Aires) and Hannes Leitgeb (Munich) for the Executive Committee positions, and Zoé Chatzidakis (Paris) and Alexandra Soskova (Sofia) for the Council positions. The Nominating Committee consisted of Matthias Baaz, Julia Knight, Stephan Kreutzer, Alf Onshuus, Charles Parsons, Ernest Schimmerling, Katrin Tent, and Alex Wilkie (Chair).

Additional nominations may be made by petition signed by 20 or more ASL members; such petitions should be received by the ASL Secretary-Treasurer (email: [asl1@vassar.edu](mailto:asl1@vassar.edu) or ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, N.Y. 12604, USA) no later than November 1, 2014. In a contested election, each candidate has the opportunity to make a 100-word statement to be distributed with the ballot.

- **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>.
- **REDUCED DUES FOR INDIVIDUALS AND INSTITUTIONS IN DEVELOPING ECONOMIES.** The ASL offers reduced dues for individual and institutional members in developing economies. For 2015, 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 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](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](mailto: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 2015 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>.
- **STUDENT TRAVEL AWARDS: THE 2015 ASL NORTH AMERICAN ANNUAL MEETING, 2015 ASL EUROPEAN SUMMER MEETING, AND OTHER ASL OR ASL-SPONSORED MEETINGS.** The ASL will make available modest travel awards to graduate students in logic and (for the European Summer Meeting only) to recent Ph.D.s so that they may attend the 2015 ASL North American Annual Meeting in Urbana Illinois or the 2015 ASL European Summer Meeting in Helsinki, Finland; see below for information about these meetings.. 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 2015 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of December 19, 2014, by the Program Chair: Deirdre Haskell, Dept. of Mathematics & Statistics, McMaster University, 1280 Main Street West, Hamilton, Ontario, Canada L8S 4K1; Fax: 905-522-0935; email: [haskell1@math.mcmaster.ca](mailto:haskell1@math.mcmaster.ca). Applications by email are preferred.

For the 2015 ASL European Summer Meeting, applications and recommendations should be received before the deadline of May 3, 2015, by the Organizing Committee: Logic Colloquium 2015, Department of Mathematics and Statistics, P.O. Box 68, FI-00014 University of Helsinki, FINLAND; email: [lc-2015@helsinki.fi](mailto:lc-2015@helsinki.fi). For applications by email, please put “ASL travel application” in the subject line of your message. Applications by email are preferred.

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](mailto:asl@vassar.edu). Decisions will be communicated at least two months prior to the meeting.

- 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 invited portion of the program includes a symposium and special session. The symposium, on the *Univalent Foundations of Mathematics*, chaired by W. Ewald, includes the following speakers (with titles in parentheses): S. Awodey (*What are Univalent Foundations and what are they for?*), H. Halvorson (*Structuralist foundations for abstract mathematics*), and C. McLarty (*Mathematical and logical aspects of models for Univalence*). The special session, on *Model Theory and Combinatorics*, chaired by S. Lindell, includes the following speakers (with titles in parentheses): C. Hill (*Generic structures in Discrete Mathematics*), M. Malliaris (*Applications of model theory to combinatorics*), and H. Towsner (*Randomness in the Limit*). The members of the Program Committee are V. Tannen and S. Weinstein (Chair). Information about registration and hotel reservations can be found at [http://www.apaonline.org/events/event\\_details.asp?id=322573](http://www.apaonline.org/events/event_details.asp?id=322573).
- 2014-15 ASL WINTER MEETING (WITH JOINT MATHEMATICS MEETINGS). *January 12–13, 2015, San Antonio, Texas*. This meeting will take place in conjunction with the Joint Mathematics Meetings, January 10–13, 2015. The invited speakers include: E. Fokina, M. Magidor, R. Patel, A. Pillay, R. Shore, R. Tucker-Drob, and T. Wilson. The members of the Program Committee are W. Calvert, S. Jackson (Chair), and M. Malliaris. The meeting includes the joint AMS-ASL Special Session, *Beyond first-order model theory*, co-organized by J.T. Baldwin, X. Caicedo, R. Grossberg, J. Iovino, and B. Zilber. Also of interest to logicians is the AMS Special Session, *Model theory and applications*, co-organized by D. Marker, S. Starchenko, and C. Wood.
- 2015 ASL NORTH AMERICAN ANNUAL MEETING. *March 25–28, 2015, Urbana, Illinois*. The twenty-sixth annual Gödel Lecture will be delivered by A. Wilkie. The invited speakers are: V. Becher, D. Fernandez-Duque, R. Grossberg, Y. Gurevich, N. Immerman, R. Miller, and A. Tserunyan. Invited two-hour tutorials will be offered by J. Cummings and C. Miller. The members of the Program Committee are: D. Haskell (Chair), P. Hieronymi, A. Montalban, A. Razborov, D. Sinapova, and H. Towsner. The Local Organizing Committee includes: A. Arana (Chair), L. van den Dries, P. Hieronymi, T. McCarthy, and S. Solecki. For further information, visit <http://www.math.illinois.edu/ASL2015>.

Abstracts for contributed talks or posters submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the Rules for Abstracts (see below). Abstracts—specifying whether the member would prefer to present a talk or a poster—must be received by the deadline of December 5, 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](mailto:asl@vassar.edu).

- 2015 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '15). *August 3–8, 2015, Helsinki, Finland*. Logic Colloquium '15 will be co-located with the 15th Conference of Logic, Methodology and Philosophy of Science (CLMPS 2015; see below and <http://clmps.helsinki.fi>), and the Scandinavian Logic Society Summer School in Logic (see <http://www.helsinki.fi/1c2015/sls.html>). The Program Committee members are: A. Bauer, Z. Chatzidakis, J.F. Knight, S. Kreutzer, Ø. Linnebo, K. Tanaka, J. Väänänen, A. Weiermann, and D. Westerståhl (Chair). The Local Organizing Committee includes: A. Halko, M. Hannula, L. Hella, Å. Hirvonen, T. Huuskonen, T. Hyttinen, K. Kangas, J. Kennedy, J. Kontinen, K. Luosto, M. Moreno, J. Oikkonen, G. Paolini, M. Pauna, J. Väänänen (Chair), and F. Yang. For further information, visit <http://www.helsinki.fi/1c2015/>.  
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). Submission of abstracts opens on January 15, 2015 (see <http://www.helsinki.fi/1c2015/submission.html>) and papers should be submitted by the deadline of May 3, 2015.
- 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](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.
- FOURTEENTH ASIAN LOGIC CONFERENCE (ALC 2015). *January 5–8, 2015, Mumbai, India*. This meeting is co-located with the Sixth Indian Conference on Logic and its Applications (see below and <http://www.cse.iitb.ac.in/~icla15/index.html>). The invited plenary speakers include: S. Artemov, A. Dawar, N.K. Meng, R. Parikh, A. Pillay, and D. Raghavan. The following special sessions are planned (with organizers in parentheses): Logic in computer science (S. Chakraborty); Model theory and algebraic logic (M. Chakraborty and B. Kim); Philosophical logic (F. Liu); Proof theory (T. Arai); Recursion theory (Y. Yue); and, Set theory (S.M. Srivastava). The Program Committee Chairs are B. Kim and R. Ramanujam. For further information, visit <http://www.cse.iitb.ac.in/~alc15/>. (ASL Sponsored Meeting.)
- SIXTH INDIAN CONFERENCE ON LOGIC AND ITS APPLICATIONS (ICLA 2015). *January 8–10, 2015, Mumbai, India*. This biennial event is held under the auspices of the Association for Logic in India (ALI), and is co-located with the Fourteenth Asian Logic Conference (see above and <http://www.cse.iitb.ac.in/~alc15/>). The invited speakers include: S. Awodey, J.M. Dunn., and E. Filot. The Program Committee Chairs are Krishna. S and M. Banerjee. For further information, visit <http://www.cse.iitb.ac.in/~icla15/index.html>. (ASL Sponsored Meeting.)
- THIRTIETH ANNUAL ACM/IEEE SYMPOSIUM ON LOGIC IN COMPUTER SCIENCE (LICS 2015). *July 6–10, 2015, Kyoto, Japan*. The LICS Symposium is an annual forum on theoretical and practical topics in computer science that relate to logic. This event will be co-located with the 2015 International Colloquium on Automata, Languages and Programming (ICALP 2015), the main conference and annual meeting of the European Association for Theoretical Computer Science (EATCS; see <http://www.eatcs.org>). The LICS Program Committee Chair is C. Palamidessi, the Conference Chair is M. Hasegawa, the Workshop Chair is P. Bouyer-Decitre, and the General Chair is L. Ong. For more information, see <http://lics.rwth-aachen.de/lics15/>. (ASL Sponsored Meeting.)
- RUTGERS MAMLS CONFERENCE. *October 25–26, 2014, New Brunswick, New Jersey*. The invited speakers include: I. Farah, A. Marks, J. Moore, S. Shelah, D. Sinapova, and N. Trang. For further information, visit <http://www.math.rutgers.edu/~gs481/mamls.html>.
- APPALACHIAN SET THEORY WORKSHOP. *November 22, 2014, Chicago, Illinois*. S. Solecki will give lectures on *Ultrafilter space methods in Infinite Ramsey Theory*. Funding is available to reimburse some participant transportation and lodging expenses. For further information, visit <http://www.math.cmu.edu/users/jcumming/Appalachian/>.

- MODEL THEORY SPECIAL SESSION OF THE 2014 CMS WINTER MEETING. *December 5–8, 2014, Hamilton, ON, Canada.* This is a scientific session of the 2014 Canadian Mathematical Society Winter Meeting. I. Goldbring is among the invited plenary speakers. The Model Theory session will be held on December 6–7th. The invited speakers for the session include: C. Eagle, J. Freitag, B. Hart, P. Hieronymi, M. Luther, M. Malliaris, J. Marikova, R. Moosa, R. Nagloo, S. Patel, A. Rennet, and A. Thamrongthanyalak. The organizers of the session are P. Speissegger and O.L. Sanchez. The Scientific Directors of the CMS meeting are D. Haskell and N. Kevlahan. For further information, visit <http://cms.math.ca/Events/winter14/>.
- VERY INFORMAL GATHERING OF LOGICIANS AT UCLA (VIG 18). *January 30–February 1, 2015, Los Angeles, California.* This event is dedicated to Tony Martin on the occasion of his formal retirement. The invited speakers are: K. Fine, S. Hachtman, S. Jackson, A. Marks, A. Montalban (Hjorth lecturer), I. Neeman, C. Parsons, P. Simon, S. Starchenko, J. Steel, K. Tent, A. Tserunyan, and H. Woodin. There are no registration fees, and it is expected that travel grants will be available for graduate students and faculty in early career stages. For further information as it develops, visit <http://www.logic.ucla.edu>.
- TWELFTH ANNUAL CONFERENCE ON THEORY AND APPLICATIONS OF MODELS OF COMPUTING (TAMC 2015). *May 18–20, 2015, Singapore.* This conference series aims to bring together a wide range of researchers with interests in computational theory and applications. The Conference Chair is S. Jain, and the Program Committee Chairs are R. Jain and F. Stephan. The deadline for submission of papers is November 27, 2014. For further information, visit <http://www.comp.nus.edu.sg/~fstefhan/tamc2015/tamc2015.html>.
- FIFTEENTH CONGRESS OF LOGIC, METHODOLOGY AND PHILOSOPHY OF SCIENCE. *August 3–8, 2015, Nancy, France.* Held every four years since 1960, this is the main international conference organized by the Division of Logic, Methodology and Philosophy of Science (DLMPS) of the International Union of History and Philosophy of Science (IUHPS). The Congress will be co-located in 2015 with the European Summer Meeting of the Association for Symbolic Logic (Logic Colloquium '15; see above). The program is divided into sections under the headings of Logic, General Philosophy of Science, and Philosophical Issues of Particular Disciplines, and Science and Society. The President of the Executive Committee of DLMPS is E. Sober, the Program Committee Chair is H. Leitgeb, and the Chair of the Local Organizing Committee is I. Niiniluoto. For more information, visit <http://clmps.helsinki.fi/index.php>.
- TWENTY-SEVENTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2015). *August 3–14, 2014, Barcelona, Catalonia, Spain.* 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. ESSLLI-2015 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2015, visit <http://esslli2015.org>; for further information about FoLLI, visit <http://www.folli.info>.
- FORMATION OF THE ASSOCIATION FOR COMPUTING MACHINERY (ACM) SPECIAL INTEREST GROUP ON LOGIC AND COMPUTATION (SIGLOG). This newly formed entity is a community organization dedicated to the advancement of logic and computation, and formal methods in computer science, broadly defined. The officers are: P. Panangaden (Chair), L. Ong (vice-Chair), N. Shankar (Treasurer), and A. Silva (Secretary). Individuals can join SIGLOG by completing the form at <http://www.acm.org/membership/sig-pdfs/SIGLOG.pdf>; the membership fee is \$25US, \$15US for students. For further information, visit <http://siglog.hosting.acm.org>.
- SUBMISSIONS INVITED TO *Journal of Logic and Analysis*. Authors are invited to submit papers to the *Journal of Logic and Analysis* (JLA), an electronic, open access journal, launched in 2009 as a successor to the Springer journal *Logic and Analysis*. JLA publishes papers involving

interaction between ideas or techniques from mathematical logic and other areas of mathematics (especially—but not limited to—pure and applied analysis). Journal contents are kept in the public domain; it is not necessary for readers to register or log in, and there are no page charges or other author fees. The journal can be found at <http://logicandanalysis.org/>. The JLA is an officially sponsored journal of the Association for Symbolic.

- NEW ASL LECTURE NOTES IN LOGIC VOLUME: *Turing's Legacy: Developments from Turing's Ideas in Logic*, LNL VOL. 42. Editor: R. Downey (Cambridge University Press, 2014, ISBN: 978-1-107-04348-0) <http://www.cambridge.org/us/academic/subjects/mathematics/logic-categories-and-sets/turings-legacy-developments-turings-ideas-in-logic?format=HB?format=HB>.

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](http://www.aslonline.org/books-perspectives_cup_springer.html) for Perspectives volumes.