ASL
ASSOCIATION FOR SYMBOLIC LOGIC

ASL NEWSLETTER   January 2024

- **The 2023 ASL Election.** In the 2023 election, the members of the ASL elected Wesley Holliday (UC-Berkeley) and Byunghan Kim (Yonsei University) as at-large members of the Executive Committee, and Carolin Antos (University of Konstanz) and Dana Bartosova (University of Florida) as at-large members of the ASL Council. All terms are for three years beginning January 1, 2024. Many thanks to all those who voted.

- **ASL membership renewal for 2024 is open.** Online renewal for 2024 is available at `https://www.cambridge.org/core/membership/asl`. Additionally, paper renewal forms are available at `http://aslonline.org/membership/individual-membership/`, that can be returned by snail mail or email. Members now have the option to choose, for each of our three journals individually, whether to receive print copies or only to have online access to the journal. To make this new arrangement possible, we have reduced the number of options for the term of membership, which will now be available for either a single year or five years. For those who hold multi-year memberships and wish to confirm the expiration date, please log in to your account with Cambridge University Press or send email to `USmemberservices@cambridge.org`.

  We encourage all those whose memberships expired in 2023 to renew their memberships in a timely fashion! Many logicians, when becoming members of the ASL, opt out of receiving email from Cambridge U.P., which administers the membership program. In such cases, due to European Union regulations regarding opting-out, these members may not receive any electronic notification of the expiration of their memberships, and we know of cases where memberships have lapsed simply because the member was unaware of the expiration date. We believe that we have a better system in place now, still conforming to the EU regulations, but members who may have opted out of email should still pay particular attention and be sure to renew promptly.

- **Membership is now available to logicians in China.** The ASL continues to remind logicians that as of 2023 we can once again accept members from the People's Republic of China. Under PRC regulations we remain prohibited from mailing journals to members in China. However, we now can offer online access to the ASL journals through Cambridge University Press for members in China. Logicians employed in China who are interested in joining the ASL as new members are encouraged to apply to the ASL Committee on Membership for a free initial two-year outreach membership by emailing their mailing address and professional affiliation to `asl-membership@googlegroups.com`. After two years, outreach members should contact Shannon Miller at `asl@uconn.edu` to pay for continued outreach membership at USD 18 per year. Details are available at `https://aslonline.org/membership/individual-membership/`. Questions about this arrangement can be directed to Shannon Miller, Russell Miller or Reed Solomon.

  Logicians in China, not being on the current membership list, may not see this Newsletter. We therefore encourage all ASL members to spread the news of this welcome change, especially to colleagues based in China.

- **Attachment: Links to Articles.** For the convenience of our members, the e-mail edition of this Newsletter includes an attachment that provides titles of many articles currently in press and active links for downloading them from our journal websites. This attachment is also available at `https://aslonline.org/other-information/617-2/`.

- **Open-Access Options for ASL Journals.** Authors of research articles in logic, who may wish to consider submitting those articles to the *Bulletin of Symbolic Logic*, the *Journal of Symbolic Logic*, or the *Review of Symbolic Logic*, should be aware that these journals now offer the option of open-access publication. Indeed, many universities now have contracts with Cambridge University Press, our publisher, that allow their researchers

to publish open-access articles at no charge. These are often called *read-and-publish agreements* or *transformative agreements.*

All three journals are now hybrid. They still accept article submissions exactly as before, and they will still publish accepted articles just as before if the author does not opt for open access. However, for authors with mandates to publish open-access articles (or who simply prefer to do so), this option is also available. Details appear at `https://www.cambridge.org/core/services/open-access-policies`. To ascertain whether your university is among those with an agreement as described above, use `https://www.cambridge.org/core/services/open-access-policies/read-and-publish-agreements`.

- **ASL Sponsorship of Meetings.** The ASL often sponsors research meetings and conferences in logic, all over the world. Sponsorship is granted to those meetings that uphold high standards of scholarship and rigor and whose purpose is in concert with the mission of the ASL. Student members of the ASL may apply to the ASL for travel support to attend sponsored meetings, as described below, and a report on each sponsored meeting subsequently appears in the *Bulletin of Symbolic Logic.* Meeting organizers who are ASL members and wish to request ASL sponsorship of their meetings should do so at least five months before the beginning of the meeting, following the instructions at `http://aslonline.org/sponsorship-of-meetings/`.

- **Calls for Conference Proposals.** The ASL Committee on Logic in North America requests proposals for the 2025 ASL North American Annual Meeting, to be held some time during the first five months of 2025. The committee seeks a university somewhere in North America and a local committee to host the meeting and handle the local arrangements. For more information, interested parties should contact Dima Sinapova, the Committee Chair (email: `dima.sinapova@rutgers.edu`), ideally no later than February 15, 2024.

  Additionally, the Committee on Logic in Europe seeks proposals for hosting the Logic Colloquium during the summer of 2025. Inquiries should be sent promptly to the chair Andrew Arana (`andrew.arana@univ-lorraine.fr`).

- **Call for Proposals: 2025 JMM Special Session.** The ASL Committee on Logic in North America seeks proposals for an ASL Special Session to be held at the Joint Mathematics Meetings in Seattle, WA, on January 8–11, 2025. Proposals or requests for information should be sent to the Committee Chair, Dima Sinapova (`dima.sinapova@rutgers.edu`). The deadline for receipt of proposals is February 15, 2024.

STUDENT TRAVEL AWARDS

- **Student Travel Awards: ASL and ASL-Sponsored Meetings.** Student members of the ASL may apply for travel grants to ASL and ASL-sponsored meetings. These meetings are identified in the listings below. 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; and (6) (voluntary) indication of your gender and minority status. Women and members of minority groups are strongly encouraged to apply. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

  Applications for the 2024 Logic Colloquium should follow the instructions at `https://lc2024.se/travel_grants/` and be emailed to `info@lc2024.se` before the deadline of February 29, 2024. For all other meetings (including the North American Annual Meeting in May 2024; see page 3 below), applications and recommendations should be submitted via email to `asl@uconn.edu` or to the ASL Business Office (ASL, Dept. of Mathematics, Univ. of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA). They must be received at least three months prior to the start of the meeting. Decisions will be communicated at least two months prior to the meeting.

  Official ASL meetings include the Logic Colloquium, the North American Annual Meeting, the Asian Logic Conference, the Simposio Latino Americano de Lógica Matemática, the ASL Winter Meeting, and the ASL-APA

annual joint meeting. Many other logic meetings are sponsored by the ASL; these are listed on p. 4 below, separately from "Other Meetings."

The Logic Colloquium and the North American Annual Meeting are partially supported by funding from the National Science Foundation of the USA. For meetings outside of North America, the NSF funds 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. For these two meetings, applicants need not be members of the ASL. (For all other meetings, student membership in the ASL is a prerequisite for travel grant applications.)

It is hoped that NSF funding may also be available for travel to the 2024 SLALM in Montevideo, Uruguay (see page 4). If so, it would be available to researchers (including students) based in the USA. Anyone who is interested in this funding and sends an email to `Russell.Miller@qc.cuny.edu` to indicate their interest will be kept informed of the status of the grant proposal and the possible availability of this funding.

- **Family Travel Grants for the North American Annual Meeting.** The ASL is offering a small number of travel grants of up to $250 each for ASL members who plan to attend the North American Annual Meeting in Ames, IA with their families. These grants are to be used for childcare and related travel expenses. In order to apply, submit a brief application that includes your status (faculty, postdoc, student, etc.), as well as your role in the conference (speaker, participant). Also include a short statement about your travel plans and a short description of the child care plan (or possible child care plan), i.e., tell us how you think the funds will be used. Applications, and any questions, should be emailed to Shannon Miller at `asl@uconn.edu`. The deadline for applying is Friday, March 15, 2024.

ASL MEETINGS

- **2024 ASL North American Meeting** *May 14–17, 2024, Ames, IA.* The 2024 ASL North American Meeting will take place at Iowa State University. The plenary speakers include M. Eskew (Vienna), K. Kosaian (Iowa), P. Kolaitis (Santa Cruz), T. Moraschini (Barcelona), R. Nagloo (UIC) and H. Towsner (Penn). Tutorials will be given by A. Tserunyan (McGill) and R. Willard (Waterloo). J. Steel will receive the 10th Carol Karp Prize for his work in set theory, especially in *A Companion Process for Mouse Pairs*, and G. Sargsyan will give a lecture on Professor Steel's work. There will be special sessions on Algebraic Logic (organized by G. Bezhanishvili and J. Gil-Ferez), Computability Theory (R. Alvir and S. Lempp), Logic in Computer Science (L. Moss and S. Weinstein), Model Theory (M.C. Laskowski and A. Padgett), Set Theory (C. Conley and N. Trang), and Universal Algebra (C. Aten and K. Kearnes). Attached to electronic copies of this Newsletter is a draft program with abstracts of the plenary, tutorial, and special-session talks, and a poster advertising this meeting, which may be printed out and posted to help publicize it. Further information is available at `https://asl2024.sites.iastate.edu/`.

The program committee consists of B. Csima (chair), N. Galatos, A. Kruckman, T. McNicholl and I. Neeman. The local organizing committee consists of S. Basu, T. McNicholl (chair), K. Slutsky, E. Weber and K. Yvonne-Rozier. February 14, 2024 is the deadline for contributed talks and also for applications for student travel awards (see 2). Both should be sent to the ASL office (`asl@uconn.edu`). Abstracts should follow the "Rules for Abstracts" below. For this meeting, all students may apply to the ASL for NSF travel support, regardless of citizenship or ASL membership.

- **2024 Logic Colloquium (European Summer Meeting)** *June 24–28, 2024, Gothenburg, Sweden.* The 2024 Logic Colloquium will be hosted by the University of Gothenburg. T. Scanlon will deliver the 2024 Gödel Lecture. Tutorials will be presented by A. Dawar, A. Marcone, and A. Sipoş, and the plenary speakers include D. Bekki, J. Franklin, J. Freitag, R. Iemhoff, S. Jackson, L. Kołodziejczyk, and P.-A. Melliès. Special sessions are planned in Applied Model Theory; Computable Structures; Logic, Language, and Computation; Philosophical Logic; Proof Theory; and Set Theory. A pdf file of a poster for this meeting, which may be displayed around your department, is attached to electronic copies of this Newsletter.

The members of the Programme Committee are B. Afshari (Gothenburg), G. Binyamini (Jerusalem, Israel), N. Dobrinen (Notre Dame, USA), U. Kohlenbach (chair; Darmstadt, Germany), K.M. Ng (Singapore), F. Poggi-

olesi (Paris, France), M. Sadrazadeh (London, UK), R. Solomon (Connecticut, USA), and S. Toruńczyk (Warsaw, Poland). The local organizing committee includes B. Afshari, G. Barlucchi, R. Blanck, G. Curzi, F. Engström, T. Fokkens, M. Granberg Olsson, M. Kaså, G. Leigh, I. Di Liberti, O.L. Olsson, and D. Wehr. The website `https://lc2024.se` provides information about submitting contributed talks (for which the deadline is March 1, 2024) and applying for travel support (deadline February 29, 2024).

- **2024 Simposio Latino Americano de Lógica Matemática** *July 1-5, 2024, Piriapolis, Uruguay.* The twentieth SLALM will take place in Piriapolis, on the southern coast of Uruguay, near the capital Montevideo. The plenary speakers include A. Diaz-Caro, C. Di Prisco, I. d'Ottaviano, A. Miquel, S. Montenegro, D. Sangiorgi, and P. Selinger, with tutorials offered by N. Dobrinen, N. Hempel, and M. Silva. There will be five special sessions, entitled Logic in CS and Computability; Model Theory; Non-classical Logics; Philosophical Logic; and Set Theory. The members of the Program Committee are C. Brech, M. Busaniche, A. Caicedo, X. Caicedo Ferrer, L. Carlos, L. del Carmen González Huesca, D. Haskell, O. Malherbe, R. Miller, A. Montalbán (chair), A. Onshuus, and E. Pimentel. The local organizers are W. Ferrer, J.P. García, M. Guillermo, O. Malherbe, and A. Pardo.

  As mentioned above, it is hoped that NSF funding may be offered for the 2024 SLALM. If so, then under NSF rules it would be available to researchers (including students) based in the USA. Anyone who is interested in this funding and sends an email to `Russell.Miller@qc.cuny.edu` to indicate their interest will be kept informed of the status of the grant proposal and the possible availability of this funding.

- **Rules for Abstracts.** The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at `http://aslonline.org/rules-for-abstracts/`. 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.

ASL SPONSORED MEETINGS

- **17th International Conference on Computability, Complexity and Randomness** *March 11-15, 2024, Nagoya University, Nagoya, Japan.* CCR 2024 will bring together researchers in algorithmic randomness, computability theory, Kolmogorov complexity, computational complexity, and reverse mathematics and logic. The invited speakers are J. Aguilera, W. Calvert, L. Coregliano, M. Fujiwara, L. Ko, R. Miller, S. Park, and F. Zaffora Blando. The Program Committee consists of J. Brendle, J. Franklin (co-chair), J.L. Goh, T. Kihara (co-chair), M. Marchuk, A. Pauly, S. Selivanova, and K. Yokoyama. This conference is in cooperation with the Association for Women in Mathematics. Please see `https://sites.google.com/view/ccr2024/home` for more information.

- **Proofs, Rules, and Models** *April 11-12, 2024, St Andrews, Scotland.* This meeting, organized by the Metaphysics and Logic Research Group and the Medieval Logic Research Group at the Arché Philosophical Research Centre in St Andrews, will explore the relationship between proofs, rules, and meanings through the lens of proof-theoretic semantics. More details are available at `https://www.st-andrews.ac.uk/arche/event/workshop-proofs-rules-and-meanings/`.

- **30th Workshop on Logic, Language, Information and Computation** *June 10-13, 2024, Bern, Switzerland.* WoLLIC is an annual international forum on inter-disciplinary research involving formal logic, computing and programming theory, and natural language and reasoning. WoLLIC 2024 will be held in-person, organized by the Mathematical Institute and Institute for Computer Science of the University of Bern. More information will be available through `www.wollic.org`.

- **Reykjavik Summer of Cool Logic** *June 10-20, 2024, Reykjavik, Iceland.* Three events will occur consecutively at Reykjavik University: the Nordic Logic Summer School on June 10-13, the Scandinavian Logic Symposium on June 14-16, and a symposium on Games, Automata, Logics, and Formal Verification on June 18-20. More information will be forthcoming at `http://icetcs.ru.is/reykjavik-logic-2024/`.

- **Topology, Algebra, and Categories in Logic** *June 25 - July 5, 2024, Barcelona, Spain.* TACL 2024 will be organized by the University of Barcelona and CSIC. The conference on July 1-5 will be preceded by a summer school on June 25-28. The deadline for submissions is February 29, 2024. Further information, including the invited speakers for the conference, is available at `https://iiia.csic.es/tacl2024/`.

- **Panhellenic Logic Symposium** *July 1-5, 2024, Thessaloniki, Greece.* This is the fourteenth meeting in a series that aims to promote interaction and cross-fertilization among different areas of logic. The symposium is open to researchers worldwide who work in logic broadly conceived. The invited speakers include I. Adler, D. Aspero, A. Das, P. Levy, A. Panagiotopoulos, and C. Vassilakopoulou, with tutorials by T. Kihara and A. Koutsoukou-Argyraki. For details please see `http://panhellenic-logic-symposium.org/14/`.

- **Beijing Model Theory Conference** *July 8-12, 2024, Beijing, China.* This meeting will bring together groups working on model theory and its applications to various fields, such as hyperbolic groups, combinatorics, differential and difference algebra, neostability and continuous logic. It is organized by the Academy of Mathematics and Science Systems and sponsored by the National Natural Science Foundation of China. For the extensive list of confirmed speakers, please visit `http://mmrc.iss.ac.cn/~weili/bmtc/index.html`.

- **Workshop on Proof Mining 2024** *September 4-6, 2024, Darmstadt, Germany.* This workshop, specifically dedicated to proof mining, will include talks on the underlying methods from proof theory, in particular proof interpretations and finite type arithmetic, as well as applications in various forms. Please notice that the meeting dates have changed since the initial announcement. The local organizers are U. Kohlenbach, P. Pinto, and N. Pischke.

CALENDAR OF OTHER MEETINGS

- **Memorial Lectures for Martin Davis** *January 26, 2024, New York, NY.* All are welcome to attend this special event in memory of Professor Martin Davis. There will be three lectures on his work from 1:00 - 2:30 pm, a memorial for Martin and Virginia Davis from 2:45 - 3:45 pm, and a reception afterwards from 4-6 pm. Pre-registration is requested, using the website `https://cims.nyu.edu/dynamic/conferences/davis-memorial/`. The organizers are S. Cappell, R. Cole, E. Davis, M. Overton, and J. Spencer.

- **Algebra and Mathematical Logic: Theory and Applications** *June 27 – July 1, 2024, Kazan, Russia.* Kazan Federal University will host this conference, which is dedicated to the 130th birthday of Nikolai Chebotarev and the 80th birthday of the department chair Prof. Marat Arslanov. Topics of the meeting include Lie algebras, groups, rings, algebraic geometry, universal algebra, model theory, computability theory, and logical methods in programming. The Program Committee is chaired by Yu. Ershov and co-chaired by I. Kalimullin, while M. Faizrahmanov chairs the Organizing Committee. The deadline for abstract submission is April 30, 2024, using the website `https://mathcenter.kpfu.ru/algmathlog_en`.

- **Leeds Computability Days** *July 2-5, 2024, Leeds, UK.* Information about this meeting, organized by P. Shafer and sponsored by the University of Leeds, will be available soon at `https://www.computability.org/lcd2024/`. *(ASL sponsorship pending.)*

- **Computability in Europe** *July 8-12, 2024, Amsterdam, the Netherlands.* The twentieth edition of CiE is entitled "Twenty Years of Theoretical and Practical Synergies." The invited speakers include A. Beckmann, R. Downey, E. Mayordomo, A. Miquel, M. Seisenberger, and M. Soskova, with tutorials offered by M. Harrison-Trainor and S. Smets. The deadline for submissions to the proceedings volume is February 10, 2024, and the conference website is `https://events.illc.uva.nl/CiE/CiE2024/Main/`.

- **Problems Allied to Model Theory and Universal Algebra** *July 8-13, 2024, Novosibirsk, Russia.* This, the 16th International Summer School-Conference in the Erlagol series, will be held in a mixed format, hosted by the Sobolev Institute of Mathematics and co-organized by the Chair of Algebra and Mathematical Logic of Novosibirsk State Technical University. Information about submission and further details are available at `erlagol.ru`.

- **Journées sur les Arithmétiques Faibles** *September 9-11, 2024, Passau, Germany.* The 43rd edition of JAF is tentatively scheduled for September 9–11 in Passau.

OTHER ANNOUNCEMENTS (Also see `http://aslonline.org/announce/`.)

- **Ph.D. Abstracts in the *Bulletin of Symbolic Logic.*** Since 2018, the *Bulletin of Symbolic Logic* has published abstracts of recent Ph.D. theses in logic. Sandra Müller is the editor for this section of the *BSL*. Please visit `http://aslonline.org/journals/the-bulletin-of-symbolic-logic/logic-thesis-abstracts-in-the-bulletin-of-symbolic-logic/` for further information or to inform the editor of a newly completed dissertation.

- **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 `https://aslonline.org/membership/world-bank-list/`, includes Brazil, Bulgaria, China (see p. 1), Colombia, India, 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. Visit `http://aslonline.org/membership/individual-membership/` for information about the ASL and membership benefits. After the initial two-year period, new members under this program pay the reduced membership dues, US$18 for 2024, 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 2024, the reduced dues are US$18 for individuals and US$130 for institutional basic membership, US$180 for institutional 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://aslonline.org/membership/individual-membership/` or contact the ASL Business Office (address in the Newsletter masthead).

- **Emeritus and Retired 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 2024 are US$54. 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://aslonline.org/membership/`.

- **New ASL Books.** To see new books in the ASL's *Lecture Notes in Logic* and *Perspectives in Logic* series, visit `http://aslonline.org/books/lecture-notes-in-logic/` for LNL volumes and `http://aslonline.org/books/perspectives-in-logic/` 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, see `http://aslonline.org/membership/member-services-and-resources/` or write to the ASL Business Office.

The next newsletter will be mailed in April 2024. Items to be included should reach the Secretary-Treasurers or `asl@uconn.edu` by April 1, 2024.

Submitted by Russell Miller & Reed Solomon, co-Secretary-Treasurers.