



## ASSOCIATION FOR SYMBOLIC LOGIC

BUSINESS OFFICE: ASL, DEPT. OF MATHEMATICS, UNIV. OF CONNECTICUT  
341 MANSFIELD ROAD, U-1009, STORRS, CT 06269-1009, USA  
PHONE: 1-860-486-3989; FAX: 1-860-486-4238; EMAIL: [asl@uconn.edu](mailto:asl@uconn.edu)  
WEB: <http://www.aslonline.org>

ASL NEWSLETTER

November 2021

- **The 2021 ASL Election.** Enclosed with this Newsletter is the ballot for the 2021 election for the ASL President and Vice-President, two members of the ASL Executive Committee, and two members of the ASL Council. For those receiving this Newsletter via email, the ballot is included as a pdf attachment. Write-in votes are allowed. Please vote! Votes must be received by the deadline of December 31, 2021.

The 2021 Nominating Committee has nominated Phokion Kolaitis (Santa Cruz), the current Vice President, for President; Natasha Dobrinen (Denver) for Vice President; Christina Brech (São Paulo) and Valentina Harizanov (George Washington University) as at-large members of the Executive Committee; and Bahareh Afshari (Gothenburg/Amsterdam) and Martin Ziegler (KAIST, South Korea) as at-large members of the Council. No other nominations have been received. All terms are for three years beginning January 1, 2022. The Nominating Committee consisted of Andrew Arana, Michael Benedikt, Alekos Kechris, Byunghan Kim, Ulrich Kohlenbach (chair), Penelope Maddy, Heike Mildenberger, Alf Onshuus Niño, Assaf Rinot, and Reed Solomon.

- **ASL membership renewal for 2022 is open.** Online renewal for 2022 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](mailto:USmemberservices@cambridge.org).

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. The ASL is working with CUP to develop a better system, still conforming to the EU regulations. In the meantime, we encourage all those whose memberships expire in 2021, especially those who may have opted out of email, to be careful to renew their memberships in a timely fashion!

- **2021 Sacks Prize.** The ASL Committee on Prizes and Awards has awarded the 2021 Sacks Prize to Dr. Marcos Mazari Armida, currently at the University of Colorado. Here is the citation by the Committee:

Mazari Armida received his Ph.D. in 2021 from Carnegie Mellon University under the supervision of Rami Grossberg. His thesis *Remarks on classification theory for abstract elementary classes with applications to abelian group theory and ring theory* provides strong evidence that abstract elementary classes can impact traditional mathematics in interesting ways. Armida shows various natural classes of abelian groups to be AEC and proves a family of theorems characterizing well-known classes of rings (e.g. left Noetherian, left perfect) in term of the superstability of an associated AEC of modules. This leads to the solution below  $\aleph_\omega$  of a 1970 question of Fuchs asking in which cardinals there is a universal abelian  $p$ -group for purity. His versatility is indicated by important work on neo-stability and categoricity in the context of AEC.

- **2022 AMS Levi L. Conant Prize.** The Levi L. Conant Prize recognizes the best expository paper published in either the *Notices of the AMS* or the *Bulletin of the AMS* in the preceding five years. The AMS has awarded the 2022 Conant Prize to Andrej Bauer, professor of computational mathematics at the University of Ljubljana in Slovenia, for his article “Five stages of accepting constructive mathematics” in the *Bulletin of the AMS* 54 (2017), pp. 481–498. The full citation by the American Mathematical Society may be found at [https://www.ams.org/news?news\\_id=6827](https://www.ams.org/news?news_id=6827).
- **New ASL Journal Policies.** The ASL Committee on Publications and the ASL Publisher have prepared new guidelines for authors submitting papers to each of the ASL journals. These guidelines will be posted at the ASL website: JSL Submission Guidelines, BSL Submission Guidelines and RSL Submission Guidelines. A new version of the Publications Ethics Policy will also be posted. All authors are expected to be familiar with, and to follow, these guidelines. These new guidelines incorporate changes in the editorial management system (now with EditFlow) as well as several items to reflect changes in the general publishing world. These include requirements for abstracts and AMS classification numbers (MSC 2020) as well as recommendations for other metadata, such as ACM CCS designators and ORCID identifiers for authors. Several major changes come in response to the need to implement forms of open access. All ASL journals have become hybrid, i.e., papers will be published in the traditional way but also open access publishing will be allowed when supported by authors’ funders or institutions in any of several ways. Thus copyrights will be left with authors but appropriate licence-to-publish agreements will be required instead of copyright transfers. The Publication Ethics Policy has been extended to include procedures that reflect expectations about such issues as discrimination, harassment and the like as well as developments in the legal requirements in these areas and in those of economic and trade sanctions.  
The ASL Committee on Publications has also adopted a new policy to the effect that all submissions to ASL journals must be written in English. This new policy will take effect on January 1, 2023, i.e., all new submissions to ASL journals on or after that date must be written in English.
- **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. 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>.
- **Attachment: Links to Articles.** For some months during the current pandemic, Cambridge University Press was unable to maintain its usual schedule of printing and mailing ASL journals to our members. The mailing of journals has resumed and is catching up, but it will take time to work through the backlog. All journals remain available online to members as always, and the e-mail edition of this Newsletter will include an attachment (also available at <http://aslonline.org/wp-content/uploads/2021/11/Nov2021articlelinks.pdf>) in which we provide titles of many articles currently in press and active links for downloading them from our journal websites. CUP has apologized to the ASL Publisher for the delays, and requests that we all recognize the significant challenges posed by the pandemic.
- **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 six months before the beginning of the meeting, following the instructions at <http://aslonline.org/sponsorship-of-meetings/>.

## 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. 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. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

For ASL student member travel grants to the 2022 North American Annual Meeting, applications should be sent directly to the Program Chair, Jindrich Zapletal, by December 1, 2021, at [zapletal@ufl.edu](mailto:zapletal@ufl.edu). For all ASL or ASL-sponsored meetings except the Logic Colloquium and the North American Annual Meeting, applications (from student members of the ASL) and recommendations must be received at least three months prior to the start of the meeting, via email to [asl@uconn.edu](mailto:asl@uconn.edu) or at the ASL Business Office (address at the top of this Newsletter). Decisions will be communicated at least two months prior to the meeting.

Extra support for US-based students may be available for the 2022 Simposio Latino Americano de Lógica Matemática in Costa Rica. For details, please see the description of this meeting (under "ASL MEETINGS") below.

## INFORMATION ON MEETINGS

- **Status of scheduled meetings.** Under the extraordinary circumstances of the coronavirus and the measures in place to combat it, many logic meetings have been canceled or moved online, and it remains possible that meetings in 2022 may be canceled or postponed. Information appearing here is current as of the publication of this Newsletter, but ASL members should use the URL given in each item to confirm the status of any meeting they may consider attending. For completeness, the listings here include short items for postponed meetings.

We urge all logicians to use caution and common sense in planning their schedules.

- **Online logic seminars.** To replace canceled meetings and seminars, certain regular online logic seminars have sprung up. A list of existing seminar series with talks available online appears at [miguelmath.com/webminars.html](http://miguelmath.com/webminars.html). Additionally, the site [lagrange.math.siu.edu/calvert/OnlineLogicSeminar.html](http://lagrange.math.siu.edu/calvert/OnlineLogicSeminar.html) has been created to host a new, purely online logic seminar. The site [ctaseminar.computability.org](http://ctaseminar.computability.org) hosts an online seminar entitled *Computability Theory and Applications*. The Logic Supergroup at [logic.uconn.edu/supergroup/](http://logic.uconn.edu/supergroup/) runs an online seminar on logic across linguistics, mathematics, and philosophy. The website [nylogic.github.io/](http://nylogic.github.io/) lists ongoing seminars in logic and set theory organized by the CUNY Graduate Center.

## ASL MEETINGS

- **2021-22 ASL Winter Meeting (with Joint Mathematics Meetings)** *January 7–8, 2022, Seattle, WA.* As usual, the ASL Winter Meeting will be held as part of the Joint Mathematics Meetings (JMM), which is scheduled as an in-person meeting on January 5–8, 2022 in Seattle, WA. For the Winter Meeting, on January 7-8, the invited speakers are J. Avigad (Carnegie Mellon), O. Ben-Neria (Hebrew University), P. Cholak (Notre Dame), F. Jahnke (Münster), S. Müller (TU Wien), L. Scow (Cal State San Bernardino), and E. Walsberg (UC Irvine). The first annual ASL tutorial at the JMM, "From noncommutative algebra to model theory - via Poisson algebras," will be given by Omar León Sánchez (Manchester) on January 5. The JMM will also include the ASL Special Session on the Model Theoretic Classification Program, organized by A. Chernikov (UCLA) and N. Ramsey (UCLA), to be held in two sessions on January 6. The Program Committee for the ASL-JMM

meeting consists of D. Bartošová (Florida), K. Eisenträger (Penn State), J. Freitag (UIC, chair) and P. Hieronymi (UIUC).

Beginning this year, the JMM will be organized primarily by the American Mathematical Society. The AMS has enlisted a number of partner organizations, including the ASL, to provide mathematical content and social events at the JMM. The program for the ASL Winter Meeting is attached to electronic copies of this Newsletter, and is also available at [www.aslonline.org/wp-content/uploads/2021/11/2022JMMLongProgram.pdf](http://www.aslonline.org/wp-content/uploads/2021/11/2022JMMLongProgram.pdf). For more information, see <https://www.jointmathematicsmeetings.org//jmm>.

- **2022 ASL Winter Meeting (with APA)** *February 23-26, 2022, Chicago, IL.* The 2022 ASL-APA meeting will be held in conjunction with the Central Division of the APA, which is planned as an in-person meeting at the Palmer House Hilton in Chicago, IL. A preliminary program for this meeting is attached to electronic copies of this Newsletter and is also available at [www.aslonline.org/wp-content/uploads/2021/11/APALongProgram2022.pdf](http://www.aslonline.org/wp-content/uploads/2021/11/APALongProgram2022.pdf). The invited speakers for the ASL-APA meeting include T. Bays (Notre Dame), R. Cook (Minnesota), S. Ebels-Duggan (Northwestern), E. Nutting (Kansas), S. Shin (Yale) and M. Titelbaum (Wisconsin). The Program Committee consists of M. Rossberg and G. Sher (chair). The deadline for student travel award applications (see above) is November 23, 2021. Further information can be found at <https://www.apaonline.org/events/EventDetails.aspx?id=1256298&group=>.

- **2022 ASL North American Annual Meeting.** *April 7–10, 2022, Cornell University, Ithaca, NY.* The 2022 North American ASL meeting will be held at Cornell University. It is planned as an in-person meeting. The plenary speakers include W. Boney (Texas State), J. Floyd (Boston University), T. Ho (Cal State Northridge), M. Hrusak (UNAM), J. Keisler (Wisconsin), A. Razborov (Chicago), R. Tucker-Drob (Florida), and A. Widgerson (IAS). J. Knight (Notre Dame) will give her Retiring Presidential Address. The tutorial will be given by I. Goldbring (UC Irvine), and a panel discussion entitled “Mathematical logic in the pandemic era” will be moderated by J. Franklin (Hofstra) and D. Haskell (McMaster). There will be special sessions (listed with organizers) in Aspects of Logic and Machine Learning (J. Freitag and V. Harizanov), Computability Theory (A. Montalbán), Homotopy Type Theory (E. Riehl), Models of PA (R. Kossak), Philosophy (L. Patton), and Set Theory (S. Solecki).

The Program Committee consists of W. Calvert, V. Kabanets, J. Moore, R. Patel, S. Shieh, and J. Zapletal (chair), while the Organizing Committee consists of R. Constable, H. Hodes, A. Kocurkek, D. Kozen, J. Moore (chair), A. Nerode and S. Solecki. The deadline for student travel award applications (see above) and for contributed talk submissions is December 1, 2021. Abstracts for contributed talks should conform to the Rules for Abstracts (below), and should be sent to [asl@uconn.edu](mailto:asl@uconn.edu). Attached to electronic versions of this Newsletter is a pdf file of a poster for this meeting, which may be posted anywhere appropriate.

- **2022 Logic Colloquium (ASL European Summer Meeting).** *June 27 – July 1, 2022, Reykjavik, Iceland.* Logic Colloquium 2022 is planned as a hybrid meeting with substantial in-person attendance in Reykjavik, Iceland. Further details will be forthcoming soon.
- **2022 Simposio Latino American de Lógica Matemática.** *July 26-30, 2022, San Jose, Costa Rica.* The 2022 SLALM will be held on the campus of the Universidad de Costa Rica, mainly as an in-person meeting. The Scientific Committee includes E. Barrio, E. Casanovas, V. Fischer, V. Harizanov, H. Mariano, A. Montalbán, S. Montenegro Guzmán, and A. Onshuus, while the Organizing Committee consists of S. Montenegro Guzmán and R. Zamora Calero. A preliminary webpage is available at <https://paginas.cimpa.ucr.ac.cr/slalm/index.php/es/inicio/descripcion-general>, to be updated as more details are settled.

The ASL hopes to receive a grant from the National Science Foundation to support travel to this meeting by US-based participants. Logicians who are interested and eligible for support should send their names promptly to Russell Miller at [russell.miller@qc.cuny.edu](mailto:russell.miller@qc.cuny.edu). Per NSF rules, to be eligible, a participant must be either a US citizen, or a student (of any nationality) at a US educational institution. It is not necessary to be an ASL member. Those who respond will be updated as the status of the grant is determined.

- **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

- **Logical Foundations of Computer Science 2022** *January 10–13, 2022, Deerfield Beach, Florida.* This meeting is planned to be in-person, possibly supplemented with remote access to the talks. The LFCS series provides an outlet for the fast-growing body of work in the logical foundations of computer science, e.g., areas of fundamental theoretical logic related to computer science. Members of the Steering Committee for the LFCS series are A. Nerode (General Chair), S. Cook, D. van Dalen, Y. Matiyasevich, S. Buss, A. Scedrov, and D. Scott. For more information regarding LFCS 2022, please visit <https://lfcs.ws.gc.cuny.edu>.
- **36th Summer Topology Festival** *July 18–23, 2022, Vienna, Austria.* This meeting is planned as a mostly in-person event, with a partial focus on logic, including a special session in set-theoretic topology. The invited speakers include A. Kwiatkowska and M. Magidor. Please consult <https://www.univie.ac.at/projekt-service-mathematik/e/index.php?event=stc21> for updates.
- **Panhellenic Logic Symposium** *July 14–18, 2021, Volos, Greece.* This meeting has been postponed to July 2022. Please see <http://panhellenic-logic-symposium.org/13/> for further information.

#### CALENDAR OF OTHER MEETINGS

- **Computability in Europe 2022** *July 11–15, 2022, Swansea, United Kingdom.* The 2022 meeting of the CiE series will be hosted by Swansea University, mainly as an in-person meeting. Abstracts of contributed submissions should be registered by January 14, 2022. Further information is available at <https://cs.swansea.ac.uk/cie2022/>.
- **Sao Paulo School of Advanced Science on Contemporary Logic, Rationality, and Information** *July 13–24, 2020, University of Campinas, Brazil.* This School has been postponed, with no rescheduled date yet set. See <https://splogic.org/> for updates.

#### OTHER ANNOUNCEMENTS (Also see <http://aslonline.org/announce/>.)

- **Ph.D. Abstracts in the Bulletin of Symbolic Logic.** The *Bulletin of Symbolic Logic* publishes abstracts of recent Ph.D. theses in logic. Christian Rosendal is the editor for this section of the *BSL*. For further information, or to inform the editor of a newly completed dissertation, visit <http://aslonline.org/journals/the-bulletin-of-symbolic-logic/logic-thesis-abstracts-in-the-bulletin-of-symbolic-logic/>.
- **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://aslonline.org/membership/world-bank-list-as-of-october-2021-for-2022-memberships/> includes Brazil, Bulgaria, 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](mailto:asl-membership@googlegroups.com). Include your name, full mailing address, and your academic affiliation. For information about the ASL and membership benefits, visit <http://aslonline.org/membership/individual-membership/>. After the initial two-year period new members under this program will pay the reduced membership dues, US\$18 for 2022, 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 2022, 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 2022 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/>.

**The next newsletter will be mailed in January 2022. Items to be included should reach the Secretary-Treasurers or [asl@uconn.edu](mailto:asl@uconn.edu) by January 18, 2022.**

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