



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER

April 2021

- **2021 Sacks Prize.** The ASL invites nominations for the 2021 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2021. The Sacks Prize was established to honor the late 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://aslonline.org/other-information/prizes-and-awards/>. Anyone who wishes to make a nomination for the 2021 Sacks Prize should consult the webpage <http://aslonline.org/other-information/prizes-and-awards/sacks-prize-recipient/sacks-prize-nominations/> for the precise details of the application process. A brief summary of the procedure is provided here.

Students who defend their dissertations (equivalent to the American doctoral dissertation) between October 1, 2020, and September 30, 2021, 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 website from which an electronic copy in pdf form can be downloaded, and an independent second letter of recommendation. Nominations and questions about the Prize should be sent to the Committee Chair, Justin Moore; pdf files sent as attachments by email to justin@math.cornell.edu are preferred. The form of such letters and other pertinent details can be found at the website above, and need to be read prior to submitting a nomination.

Those wishing to contribute to the Sacks Prize Fund may send contributions to the ASL Business Office (see address at the top of this Newsletter). All such contributions are tax-deductible within the USA.

- **Mailing of Journals.** For some months during the current pandemic, Cambridge University Press has been 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, but the arrival of printed copies still could be significantly delayed. CUP has apologized to the ASL Publisher for the delays, and requests that we all recognize the significant challenges it faces in this extraordinary situation.
- **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 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 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.

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 scheduled for 2020 and 2021 have already been canceled, and it is likely that more will be canceled or postponed. (**See below for the change of dates for the North American Annual Meeting!**) 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 ongoing status of any meeting they may consider attending. For completeness, the listings here include short items for canceled meetings.

We urge all logicians to use caution and common sense in planning their schedules, and to avoid unnecessary travel during these unusual times.

- **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 <http://miguelmath.com/webminars.html>. Additionally, the site <http://lagrange.math.siu.edu/calvert/OnlineLogicSeminar.html> has been created to host a new, purely online logic seminar. The site ctaseminar.computability.org hosts an online seminar entitled *Computability Theory and Applications*, and the Logic Supergroup at logic.uconn.edu/supergroup/ runs an online seminar on logic across linguistics, mathematics, and philosophy.
- **Changes to the 2022 Joint Mathematics Meetings.** Beginning with the meeting scheduled for January 5–8, 2022 in Seattle, WA, the Joint Mathematics Meetings will be organized primarily by the American Mathematical Society. (As of this writing, it is planned that this meeting will be held in person.) The AMS has enlisted a number of partner organizations, including the ASL, to provide mathematical content and social events at the JMM. The ASL will continue to organize the two-day ASL Winter Meeting within the JMM: we expect it to be held next year on January 7–8, 2022. Additionally, as in past years, the JMM will include an AMS-ASL Special Session: in 2022 it will be entitled *Model-theoretic classification program*, organized jointly by A. Chernikov and N. Ramsey.

As a further activity, the ASL plans to add a tutorial during the first two days of the JMM in 2022. Our plan is for a logician to give a presentation describing a particular topic within logic and the influence of that topic on some broader area of mathematics beyond logic. The presentation will be aimed at an audience familiar with the broader area of mathematics under discussion, but not necessarily with logic. The JMM is a natural venue for this activity. The precise format is still under discussion with the AMS, but we expect the first tutorial to occur at the 2022 JMM.

ASL MEETINGS

- **2021 ASL North American Annual Meeting** *June 22–25, 2021, South Bend, Indiana (online)*. **Notice the change of dates!** This meeting was rescheduled from May 2021, as a result of revisions to the Notre Dame academic calendar, but ultimately was switched to an online format due to the coronavirus pandemic. Short and long versions of the program are attached to e-mailed copies of this Newsletter.

Plenary speakers will include J. Franklin, M. Gehrke, C. Hill, T. McNicholl, A. Szendrei, N. Trang, and J. Wolf. Tutorials will be presented by J. Moore and R. Moosa, and the 2021 Gödel Lecture will be delivered by M. Foreman. Special sessions are being organized in Computability Theory (by A. Pauly and T. Kihara); Model Theory (D. Haskell and E. Walsberg); Algebraic Logic (N. Galatos and W. Holliday); Topology Meets Philosophy and Logic (T. Lando, S. Smets, and A. Özgün); and Set Theory (J. Cummings and A. Tserunyan). The Program Committee consists of G. Bezhaniashvili, C. Franks, S. Ng, D. Sinapova, M. Thomas and H. Towsner (chair). The Organizing Committee consists of T. Bays, J. Beall, P. Blanchette, P. Cholak, C. Franks, J. Knight (co-chair), A. Pillay (co-chair), and S. Starchenko.

There is no registration fee for this meeting, but participants should register, at the website <http://aslonline.org/2021-north-american-annual-meeting-registration/>, in order to be able to join the online sessions. As the meeting is online, there will be no student travel awards. The conference website has been delayed but will be available shortly; please check <http://aslonline.org/meet/>, where its URL will be posted as soon as it is available.

- **2021 ASL European Summer Meeting (Logic Colloquium)** *July 19–24, 2021, Poznań, Poland (online)*. This conference was originally scheduled for July 13–18, 2020, but was postponed due to the pandemic. It will now be held as an online meeting, hosted by Adam Mickiewicz University in Poznań, and organized by the AMU Faculty of Psychology and Cognitive Science and the AMU Faculty of Mathematics and Computer Science. The plenary speakers are A. Chernikov, V. Fischer, N. Greenberg, B. Monin, L. Motto Ros, E. Pimentel, F. Pfenning, J. van Benthem, L. Westrick, and R. Williams. Tutorials will be offered by K. Krupinski and A. Marks, and the postponed 2020 Gödel Lecture will be delivered by E. Bouscaren. There will be special sessions on Computability; Logic in Cognitive Science and Linguistics; Modal and Epistemic Logic; Model Theory; Proofs and Programs; and Set Theory.

The members of the Program Committee are W. Buszkowski, A. Dawar, G. Primiero, M. Soskova, H. Towsner, M. Viale, and B. Zil'ber (chair). The Local Organizing Committee consists of W. Buszkowski, J. Golińska-Pilarek, L. Kołodziejczyk, P. Łupkowski, R. Murawski (co-chair), M. Nasieniewski, J. Pogonowski, T. Skura, K. Świrydowicz, M. Urbański (co-chair), and A. Wiśniewski. The deadline for submitting abstracts of contributed talks has been revised to April 30, 2021; abstracts should satisfy the ASL's *Rules for Abstracts* (below). See <https://lc2021.pl/> for further information.

- **2021 Asian Logic Conference canceled.** We regret that the Asian Logic Conference scheduled for 2021 has been canceled. The next Asian Logic Conference is scheduled to occur in 2023.
- **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

- **Panhellenic Logic Symposium** *July 14–18, 2021, Volos, Greece*. (ASL Sponsored Meeting.) This meeting has been postponed to 2022. Please see <http://panhellenic-logic-symposium.org/13/> for further information.
- **36th Summer Topology Festival** *July 19–23, 2021, Vienna, Austria*. This meeting will have a partial focus on logic, including a special session in set-theoretic topology, The invited speakers include A. Kwiatkowska and

M. Magidor. It is hoped that the meeting can be held in person; please consult <https://www.univie.ac.at/projekt-service-mathematik/e/index.php?event=stc21> for updates.

- **27th Workshop on Logic, Language, Information and Computation 2021** *October 5–8, 2021, online.* WoLLIC is an annual international forum on inter-disciplinary research involving formal logic, computing and programming theory, and natural language and reasoning. WoLLIC 2021, which will be held as an online meeting, is organized by the Universidade de São Paulo and the Centro de Informática of the Universidade Federal de Pernambuco, in Brazil, and the University College London, in the UK. The deadline for submitted papers is May 15, 2021, and the website for the conference series is wollic.org.

CALENDAR OF OTHER MEETINGS

- **Boise Extravaganza in Set Theory** *June 17–20, 2021, online.* BEST 2021 will be held online, organized as usual by the set theory group at Boise State University. Plenary speakers are D. Fernández-Bretón, V. Gitman, J. Goh, L. Yengulalp, and J. Zielinski. Many additional talks are planned, and the organizers are happy to receive proposals for talks, both in set theory and in other areas of logic, via email by May 1 to best@boisestate.edu. The same address may be used for informal registration for the meeting. For further details, please see <https://www.boisestate.edu/math/best>.
- **Computability in Europe 2021** *July 5-9, 2021, Ghent, Belgium (online).* CiE 2021 will be held online. The invited speakers are L. Crosilla, M. Lohrey, J. Moschovakis, J. Ouaknine, K. Yokoyama, and H. Yuen, with tutorials presented by R. Miller and C. Tasson. Special sessions will be held on Computational Geometry; Classical Computability Theory; Proof Theory and Computation; Quantum Computation and Information; Church’s Thesis in Constructive Mathematics; and Computational Pangenomics; and a workshop on Women in Computability is planned. The co-chairs of the Programme Committee are L. De Mol and A. Weiermann. For more information, see <https://www.cie2021.ugent.be/>.
- **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-2020-for-2021-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. 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 2021, 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 2021, 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: ASL, Dept. of Mathematics, Univ. of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA; tel: +1-860-486-3989; fax: +1-860-486-4238; email: asl@uconn.edu.

- **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 2021 are US\$51. 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 September 2021. Items to be included should reach the Secretary-Treasurers or asl@uconn.edu by August 30, 2021.

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