



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER

April 2022

- **2022 Sacks Prize.** The ASL invites nominations for the 2022 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2022. 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 2022 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, 2021, and September 30, 2022, 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 advisor, 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 advisor, 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.

- **2022 Shoenfield Prizes.** The ASL invites nominations for the Shoenfield Prizes for outstanding expository writing in the field of logic. There are two Shoenfield prizes, one for books and one for expository articles, each to be awarded simultaneously every three years; the Shoenfield Prizes were first awarded in 2007. Any book first published in the past 9 years may be considered for the book award. Any article published in the past 6 years may be considered for the article award. Nominations should be submitted to Justin Moore (justin@math.cornell.edu), Chair of the ASL Committee on Prizes and Awards. The deadline for nominations for the 2022 Prizes is November 1, 2022.

The Shoenfield prizes were 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. The ASL administers the fund on which the Prize is based and makes the award upon the recommendation of its Committee on Prizes and Awards. For general information about the Prize, see <http://aslonline.org/asl-information/prizes-and-awards/>.

- **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 nearly caught up. 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/2022/04/Apr2022articlelinks.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.

Extra support for US-based students is available for the 2022 Simposio Latino Americano de Lógica Matemática in Costa Rica. For details, see the description of this meeting (under "ASL MEETINGS") below. The deadline for applying for grants for the 2022 Logic Colloquium in Iceland has passed.

For all other ASL or ASL-sponsored meetings, applications (from student members of the ASL) and recommendations must be received at least three months prior to the start of the meeting. For all of these meetings, applications should be submitted via email to asl@uconn.edu or to 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 circumstances of the coronavirus pandemic, many logic meetings have been canceled or moved online. Others have been canceled as a result of the Russian invasion of Ukraine, and it remains possible that more meetings scheduled for 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. We urge all logicians to use caution and common sense in planning their schedules.
- **Online logic seminars.** In the immediate future, the one-time event Logic4Peace is to be held as an online conference on April 22-23, 2022, to benefit logicians and others in Ukraine who have suffered as a result of the

ongoing war there. Details appear below, under “OTHER MEETINGS,” and registration should be completed by April 20. The conference website is <https://events.illic.uva.nl/Logic4Peace/About/>.

In the longer term, certain regular online logic seminars have sprung up to replace canceled meetings and seminars. A list of existing seminar series with talks available online appears at miguelmath.com/webminars.html. Additionally, the site 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*. The Logic Supergroup at logic.uconn.edu/supergroup/ runs an online seminar on logic across linguistics, mathematics, and philosophy. The website nylogic.github.io/ lists ongoing seminars in logic and set theory organized by the CUNY Graduate Center.

- **Call for Proposals: 2024 North American Annual Meeting.** The ASL Committee on Logic in North America requests proposals for the 2024 ASL North American Annual meeting to be held some time during the first five months of 2024. 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 between midwest (South Bend, IN 2021), east (Ithaca, NY 2022), and west (Irvine, CA 2023). Thus, for 2024, the committee seeks a location in the midwest. However, any reasonable proposal will be considered. For more information, interested parties should contact the Committee Chair, Tom Scanlon (email: scanlon@math.berkeley.edu), no later than June 15, 2022.

ASL MEETINGS

- **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, hosted by the Department of Computer Science of Reykjavik University. The invited speakers are T. Altinel, A. Freund, G. Fuchs, P. Idziak, J. Kennedy, K. Lange, A. Melnikov, M. Müller, F. Pakhomov, F. Point, and A. Vaccaro. Tutorials will be offered by L. Barto and L. San Mauro, while P. Blanchette will deliver the 2022 Gödel Lecture. Special sessions (organized by those named below) will be held in Computer Science Logic (N. Galesi and T. Uustalu); Model Theory (D. Macpherson); Philosophy of Mathematics (J. Ladyman and G. Venturi); Proof Theory and Ordinal Analysis (L. Beklemishev and A. Weiermann); Reverse Mathematics and Combinatorial Principles (M. Fiori Carones and L. Patey); and Set Theory (D. Bartošová and I. Farah). An extensive list of contributed talks will also be presented. The conference website is <http://icetcs.ru.is/lc2022/>. The Program Committee consists of A. Achilleos, A. Berkman, Z. Chatzidakis, E. Fokina, B. Halimi, E. Jeřábek, R. Miller, M. Rathjen, R. Schindler, and A. Sorbi (chair). The Organizing Committee includes L. Aceto, A. Achilleos, A. Ingólfssdóttir, and T. Uustalu.

While the organizers encourage all participants to come to Iceland in person if possible, they have also decided to offer attractive options for online participation, recognizing that many logicians remain unable or reluctant to travel. The fee for early registration for online participation has been held to 20 euros (see <http://icetcs.ru.is/lc2022/fees/>), and it is expected that up to one-third of the contributed talks will be presented remotely. (The deadline for submitting abstracts has passed.) Barring further waves of coronavirus, the tutorials and most of the plenary and special-session talks (although not all) are planned in-person.

- **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 plenary speakers are C. Brech, M. Dzamonja, Ll. Godo Lacasa, M. Harrison-Trainor, D. Haskell, O. León Sánchez, E. Pimentel, and L.C. Pereira. Minicourses will be given by D. García, O. Guzmán, D. Szmuc, and L. Westrick, and thematic sessions (organized by those named) are planned in Computability (A. Montalbán); Computer Science (L. Gonzales and A. Lara); Model Theory (A. Onshuus and S. Montenegro); Non-Classical Logics and Algebraic Logic (R.O. Rodríguez and S. Montenegro); Philosophy of Logic and Philosophical Logic (E.A. Barrio and L. Boccafogli); and Set Theory (V. Fischer and R. Zamora). The thematic sessions will include both invited and contributed talks. April 22, 2022 is the deadline both for early registration and for submitting

contributed talks. 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. The webpage for the meeting is <https://paginas.cimpa.ucr.ac.cr/slalm/index.php/en/>.

The ASL has received 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 immediately to Russell Miller at russell.miller@qc.cuny.edu. Per NSF rules, to be eligible, a participant must be based at a US educational institution. It is not necessary to be an ASL member, and logicians belonging to populations underrepresented in logic are particularly encouraged to apply.

ASL SPONSORED MEETINGS

- **Panhellenic Logic Symposium** *July 6–10, 2022, Volos, Greece*. This meeting has been rescheduled from July 2021. The Panhellenic Logic Symposium is a biennial scientific event in logic that was established in 1997. It aims to promote interaction and cross-fertilization among different areas of logic, including philosophical logic, logic in computer science, model theory, computability/complexity theory, and set theory. The program will include hour-long invited talks by A. Brooke-Taylor, T. Kihara, J. Knight, V. Koutavas, A. Macintyre, T. Pheidas, A. Silva, and L. Westrick. Tutorials will be given by A. Kavvos, N. Leonardos, and S. Zachos. The Scientific Committee is co-chaired by G. Barmpalias and K. Tsaprounis. Please see <http://panhellenic-logic-symposium.org/13/> for further information.
- **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. The invited speakers are E. Ábrahám, T. Coquand, D. Dzhamalov, L. de Mol, H. Friedman, and S. Selivanova, with tutorials to be offered by N. Greenberg and K. Lehtinen. Special sessions are planned in Computability of Blockchain Technology; Computing Language; Computing with Bio-Molecules; Constructive and Reverse Mathematics; Reachability Problems; and the Intersection of Computability with Mathematics. The Programme Committee is co-chaired by U. Berger and J. Franklin. Abstracts of informal presentations are due by May 10, 2022. Further information is available at <https://cs.swansea.ac.uk/cie2022/>.
- **36th Summer Topology Festival** *July 18–22, 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. An NSF grant provides some travel support for US-based logicians to attend this meeting. Please consult <https://www.univie.ac.at/projekt-service-mathematik/e/index.php?event=stc22> for details.
- **Unimod 2022** *July 18–August 5, 2022, Leeds, United Kingdom*. Unimod 2022 is a three-week programme hosted by the University of Leeds, focused on model theory. It will include an LMS Research School on model theory in the first week, the workshop *Practical and Structural Model Theory* in the second week, and an EMS Summer School on applications of model theory in the third week. Please see <https://conferences.leeds.ac.uk/unimod/> for further information.
- **European Set Theory Conference 2022** *August 29–September 2, 2022, Torino, Italy*. This meeting is organized by the Department of Mathematics of the University of Turin and the European Set Theory Society, in partnership with the Clay Mathematics Institute. It is planned in-person, and will include tutorials by Y. Hayut and G. Sargsyan, fifteen plenary talks on set theory and related areas, and a special session of four talks celebrating the 60th birthday of B. Velicković. The extensive list of speakers appears on the conference website <http://logicgroup.altervista.org/torino/ESTC2022/index.html>. Abstracts of contributed talks may be submitted via that site until April 30, 2022, and early registration is already open, with a deadline of June 30, 2022. The Program Committee includes J. Bagaria (chair), M. Gitik, P. Komjath, P. Koszmider, H. Mildenberger, L. Motto Ros, and J. Steel.

ASL SPONSORED MEETINGS, continued

- **PhD's in Logic XIII** *September 5–7, 2022, Torino, Italy*. This meeting is planned to follow the European Set Theory Conference (above), at the Campus Luigi Einaudi, University of Turin. The invited speakers include M. Aloni, I. Ciardelli, S. Müller, G. Restall, and J. Väänänen. This conference is geared to masters students, PhD students and early career researchers, all of whom are invited to submit contributions via the conference website <https://www.phdsxiii.org>, by the deadline of April 30, 2022. Registration is free but is requested by July 20, 2022.
- **28th Workshop on Logic, Language, Information and Computation 2022** *September 20–23, 2022, Iași, Romania*. WoLLIC is an annual international forum on inter-disciplinary research involving formal logic, computing and programming theory, and natural language and reasoning. WoLLIC 2022 will be held in-person at the Alexandru Ioan Cuza University in Iași. The deadline for registering abstracts of papers to be submitted is April 30, 2022, and the website for the conference is <https://wollic2022.github.io/>.
- **Models and Computability: The Mathematics of Julia Knight** *September 30–October 2, 2022, South Bend, Indiana*. This meeting will be held at Notre Dame University, in honor of the work of Prof. Julia Knight. The invited speakers include V. Harizanov, M. Harrison-Trainor, T. Ho, K. Lange, A. Montalbán, and T. Slaman. The organizers are P. Cholak, A. Pillay, and S. Starchenko. Further information is available at <https://sites.nd.edu/models-computability2022/>.
- **Finite Model Theory and Many-Valued Logic: Challenges and Interactions** *November 10–11, 2022, University of Queensland, Australia (online)*. This online meeting will examine interaction between many-valued logics and the model theory of finite structures. For further information, including a substantial list of speakers, please see <https://sites.google.com/view/workshop-fmtmvlci/home>.

CALENDAR OF OTHER MEETINGS

- **Logic4Peace** *April 22–23, 2022, online*. This is an online logic conference intended to support Ukrainian logicians and to raise funds for victims of the war in Ukraine. Registration is available at several levels; the organizers request that participants register at the level corresponding to the donation they can afford to make. All registered participants will have equal access to the talks in this meeting. The conference website is <https://events.illc.uva.nl/Logic4Peace/About/>, and the deadline for registration is imminent: April 21, 2022 at noon CET (hence April 20, 2022 in the Americas).
- **Leeds Computability Days** *May 30–June 1, 2022, University of Leeds, UK*. This is a satellite meeting for CCR 2022 (listed below). The organizing committee consists of R. Downey, E. Mayordomo, and P. Shafer. Registration for in-person and online attendance is free and required. More details are available at <https://www.computability.org/LCD2022/>.
- **Computability, Complexity, and Randomness** *June 6–10, 2022, Isaac Newton Institute, Cambridge, UK*. CCR is a conference series focussed on algorithmic randomness, algorithmic information theory, and their impact on mathematics. This workshop follows up on the 2012 Newton Institute semester-long programme on computability theory during the Turing Centennial year. The Organising Committee is chaired by E. Mayordomo, and the website is <https://www.newton.ac.uk/event/sasw09/>.
- **Workshop on Reverse Mathematics and its Philosophy** *June 13–17, 2022, Paris, France*. This workshop will be held in a hybrid format at the University of Chicago Center in Paris, France. It is organized by A. Arana, L. Bienvenu, A. Champougny, D. Hirschfeldt, B. Monin, L. Patey, and S. Reitzes. Limited travel funding may be available for some participants. For further information, please visit <https://wrmp2022.sciencesconf.org/>.
- **Journées sur les Arithmétiques Faibles (Weak Arithmetic Days)** *June 13–17, 2022, Moscow, Russia*. JAF 41 was officially cancelled by the Steering Committee following the United Nations' overwhelming resolution concerning the Russian invasion of Ukraine. For more information, see <http://jaf2022.mi-ras.ru>.

- **Crossley Festschrift Logic Colloquium June 14–15, 2022, online.** This online conference will celebrate John N. Crossley’s 85th birthday, with talks by his students, friends and collaborators. The speakers include Y. Gurevich, W. Hodges, A. Nerode, J. van Benthem, and M. Wirsing. Further information is available from <https://sites.google.com/view/crossley-logic-colloquium/home>.

IN MEMORIAM

- **In memoriam: Paul Schupp (1937–2022)**

We regret to announce the passing of Paul Schupp, on January 24, 2022 in London. A full account of his life will appear in a future Newsletter.

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. 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 September 2022. Items to be included should reach the Secretary-Treasurers or asl@uconn.edu by August 29, 2022.

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