In Memoriam: Kosta Došen. On October 21, 2017 Kosta Došen died in Belgrade, Serbia, aged 63. He graduated from the University of Belgrade in 1977 and received a doctorate from the University of Oxford in 1981. He became a professor at the Mathematical Institute Belgrade in 1982, was professor at the Department of Computer Science of the University of Toulouse from 1994 to 1998, and held the Chair of Logic in the Philosophical Faculty of the University of Belgrade since 2003. He had visiting professorships at universities including Notre Dame (USA), Montpellier (France) and Tübingen (Germany).

Kosta Došen’s D.Phil. on Logical Constants was supervised by Michael Dummett and Dana Scott. As part of his thesis, and in subsequent publications, he developed a proof-theoretic characterization of logical constants by means of what he called “double-line rules”. This continues to be widely discussed and is one of the major approaches in the debate on what logicality should mean. Working on the proof theory (and partly also model theory) of logics with restricted structural rules, he coined the term “substructural logic” at a conference in Tübingen in 1990.

The main topic of his intellectual life was the field of categorial proof theory, founded by Joachim Lambek, William Lawvere, and others. Kosta Došen shaped the development of this field in many respects, in particular with his books Cut Elimination in Categories and Proof-Theoretical Coherence, the latter with Zoran Petrić. He was a strong adherent and promotor of what Dag Prawitz called “general proof theory”, which is the study of proofs as objects in their own right rather than from the point of view of provability. This implied for him that the question of the identity of proofs was the central topic of general proof theory, where he was particularly interested in the relationship between normalization-based and generality-based approaches. In recent years he worked with great passion on Kurt Gödel’s work, including unpublished manuscripts in his Nachlass. A critical edition Gödel’s Notre Dame course in logic, edited by Miloš Adžić and him, has just appeared.

Kosta Dosen was a gifted and dedicated teacher who was an inspiration to students and colleagues alike. His explanations will live on in the pages of his textbook on elementary logic (in Serbian). He will be greatly missed by relatives, friends and colleagues, and all who had the good fortune to know him.

The 2017 ASL Election. The ASL membership has elected Philip Ehrlich (Ohio) and Maryanthe Malliaris (Chicago) to the Executive Committee, and Mariya Soskova (Madison) and Yang Yue (Singapore) to the Council. Their terms of office are for three years beginning January 1, 2018. The Nominating Committee consisted of Sam Buss, Zoé Chatzidakis, Su Gao, Antonio Montalbán, Justin Moore, Byunghan Kim, and Alasdair Urquhart (Chair).

Ph.D. Abstracts in Logic to be Published in the Bulletin of Symbolic Logic. This year the Association for Symbolic Logic will begin publishing abstracts of Ph.D. theses in logic in the Bulletin of Symbolic Logic. Christian Rosendal is the editor for this new section of the BSL. For further information, visit http://aslonline.org/LogicThesisAbstracts.html.

Discounted Dues for New ASL Individual Members. The ASL offers a 50% discount on dues for new individual members during each of the first two years of membership. For more information, visit http://www.aslonline.org/membership-individual.html.

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://www.aslonline.org/worldbankeconomies.html includes Brazil, Bulgaria, China, Colombia, India, Iran, 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://www.aslonline.org/membership-individual.html. After the initial two-year period new members under this program will pay the reduced membership dues, currently at US$18, as long as their country of residence is on the ASL’s list of developing economies (see http://www.aslonline.org/worldbankeconomies.html).

• **Reduced Dues for Individuals and Institutions in Developing Economies.** The ASL offers reduced dues for individuals and institutions in developing economies. For 2018, the reduced dues are US$18 for individuals and US$130 for institutional basic membership, US$180 for full membership. These dues apply to individuals and institutions 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://www.aslonline.org/membership_outreach.html or contact the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Tel: 1-845-437-7080; Fax: 1-845-437-7830; email: asl@vassar.edu.

• **Emeritus ASL Individual Membership.** The ASL offers retired individual members two membership options. Emeritus membership includes all the privileges of regular individual membership and is available to retired individuals who have been members of the ASL for 15 years. The dues for Emeritus membership for 2017 are US$47 and will increase to US$51 in 2018. 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://www.aslonline.org/membership-individual.html.

• **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, visit http://www.aslonline.org/members-discounts.html, or write to the ASL Business Office.

**ASL MEETINGS**

• **Student Travel Awards: The 2018 ASL North American Annual Meeting, 2018 ASL European Summer Meeting, and other ASL or ASL-Sponsored Meetings.** The ASL will make available modest travel awards to graduate students in logic so that they may attend the 2018 ASL North American Annual Meeting in Macomb, Illinois or the 2018 ASL European Summer Meeting in Udine, Italy; see below for information about these meetings. Student members of the ASL also may apply for travel grants to other ASL or ASL-sponsored meetings. To be considered for a travel award, please (1) send a letter of application, and (2) ask your thesis supervisor to send a brief recommendation letter. The application letter should be brief (preferably one page) and should include: (1) your name; (2) your home institution; (3) your thesis supervisor’s name; (4) a one-paragraph description of your studies and work in logic, and a paragraph indicating why it is important to attend the meeting; (5) your estimate of the travel expenses you will incur; (6) (for citizens or residents of the USA) citizenship or visa status; and (7) (voluntary) indication of your gender and minority status. Women and members of minority groups are strongly encouraged to apply. In addition to funds provided by the ASL, the program of travel grants is supported by a grant from the US National Science Foundation; NSF funds for meetings outside of North America may be awarded only to students at USA universities and to citizens and permanent residents of the USA. Air travel paid for using NSF funds must be in accordance with the Fly America Act. Application by email is encouraged; put “ASL travel application” in the subject line of your message.

For the 2018 ASL North American Annual Meeting, applications and recommendations should be received before the deadline of March 9, 2018, by the Program Chair: David Marker, email: marker@uic.edu. Applications are to be submitted by email only.

For the 2018 ASL European Summer Meeting, applications for student travel grants and recommendations should be received between January 1, 2018 and the deadline of May 4, 2018. They should be submitted electronically, by email to LC18grant@uniud.it (see the application instructions at https://lc18.uniud.it/
If electronic submission is not possible, applications and recommendations should be mailed to: Prof. H. Dugald Macpherson, PC chair: Logic Colloquium 2018, School of Mathematics, University of Leeds, Leeds LS2 9JT, UK.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2018 North American Annual Meeting and the 2018 European Summer Meeting), applications and recommendations should be received at least three months prior to the start of the meeting at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Fax: 1-845-437-7830; email: asl@vassar.edu. Decisions will be communicated at least two months prior to the meeting.

• **2018 ASL North American Annual Meeting.** *May 16–19, 2018, Macomb, Illinois.* The invited speakers include: JC Beall, A. Chernikov, B. Hart, J. Knight, J. Nagloo, D. Sinapova, S. Solecki, and A. Weiermann. Tutorials will be offered by A. Marks and T. Slaman. The special sessions planned (with organizers in parentheses) include: Computability (L. Bienvenu and K. Lange), Logic and Philosophy (C. Franks), Model Theory (J. Freitag and J. Márkóvá), Proof Theory (H. Towsner), and Set Theory (D. Sinapova and A. Tserunyan). The members of the Program Committee include: T. Carlson, B. Csima, T. Eisworth, M. Glanzberg, I. Kalantari, D. Marker (Chair), and M. Soskova. The members of the Local Organizing Committee are: J. Chisholm, R. Dimitrov, C. Ealy, D. Haugen, I. Kalantari (Chair), D. LaFountain, J. Márkóvá, S. Martinelli, M. Moniri, G. Pettit, B. Powell, C. Pynes, N. Vakil, G. Weitkamp, and L. Welch. Local information and a registration form, are enclosed in this Newsletter mailing (as pdf attachments for those receiving the Newsletter via email). Electronic registration is available at [http://www.aslonline.org/meeting_registrationsecure.html](http://www.aslonline.org/meeting_registrationsecure.html). For further information, visit [http://wiu.edu/cas/math/asl-conference-2018/index.php](http://wiu.edu/cas/math/asl-conference-2018/index.php).

Abstracts for contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the Rules for Abstracts (see below). Abstracts must be received by the deadline of February 23, 2018, at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604, USA; Fax: 1-845-437-7830; email: asl@vassar.edu.

• **2018 ASL European Summer Meeting (Logic Colloquium ‘18).** *July 23–28, 2018, Udine, Italy.* The twenty-ninth annual Gödel Lecture will be delivered by R. Downey. The invited speakers include: M. Antonutti Marfori, A. Atserias, V. Brattka, A. Ciabattoni, P. D’Aquino, P. Oliva, L. Patey, A. Tserunyan, S. Unger, M. Viale, and D. Westerståhl. Tutorials will be offered by U. Sattler and K. Tent. Special sessions (with organizers in parentheses) include: Computability theory (P. Shafer and A. Sorbi), Descriptive set theory and dynamical systems (B. Miller and A. Törnquist), Model theory (E. Casanovas and F. Wagner), Philosophy of logic and mathematics (J. Kennedy and G. Sagi), Proof theory and constructivism (S. Ghilardi and G. Sambin), and Temporal and multivalued logics (B. Gerla and M. Lange). The Program Committee members are: S. Demri, A. Kechris, C. Laskowski, D. Macpherson (Chair), A. Marcone, A. Montalbán, P. Pudlak, G. Sher, and D. Sinapova. The Local Organizing Committee includes: G. D’Agostino (Co-Chair), V. Dimonte, M. Fiori Carones, G. Gherardi, N. Gigante, A. Marcone, A. Montanari (Co-Chair), A. Molinari, F. Parlamento, C. Piazza, and M. Valenti. For further information, visit [https://lc18.uniud.it](https://lc18.uniud.it).

Abstracts of contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the Rules for Abstracts (see below). Abstracts should be submitted as pdf files at [https://easychair.org/conferences/?conf=lc18](https://easychair.org/conferences/?conf=lc18); for submission instructions see [https://lc18.uniud.it](https://lc18.uniud.it). The deadline for submissions is April 27, 2018. If electronic submission is not possible, abstracts should be mailed to: Prof. H. Dugald Macpherson, PC chair: Logic Colloquium 2018, School of Mathematics, University of Leeds, Leeds LS2 9JT, UK.

• **2018-19 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 18–19, 2019, Baltimore, Maryland.* This meeting will take place in conjunction with the Joint Mathematics Meetings taking place January 16-19, 2019. The members of the Program Committee are S. Cox, V. Harizanov (Chair), and A. Kolesnikov.

• **2019 ASL Winter Meeting (with APA).** *February 20–23, 2019, Denver, Colorado.* This meeting will be held jointly with the Annual Meeting of the Central Division of the American Philosophical Association. The members of the Program Committee are K. Bimbo (Chair), P. Girard, and M. Rossberg.
• 2019 ASL North American Annual Meeting. May 20–23, 2019, New York, New York. The members of the Local Organizing Committee are: S. Artemov, E. Antonakos (Co-Chair), A. Dolich, S. Friedman (Co-Chair), G. Fuchs, and J. Hamkins.

• Rules for Abstracts. The rules for abstracts of contributed talks at ASL meetings (including those submitted “by title”) may be found at http://www.aslonline.org/rules_abstracts.html. 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

• Ouroboros: Formal Criteria of Self-Reference in Mathematics and Philosophy. February 16-18, 2018, Bonn, Germany. The meeting is designed as a hybrid between winter school and research conference and will consist of plenary talks as well as introductory workshops which are intended to give insight into related areas of current research. The invited speakers include: E. Brendel, A. Cantini, M. Godziszewski, V. Halbach, J.D. Hamkins, D. Kant, P. Koecke, L. Picollo, G. Priest, L. Rossi, T. Schindler, P. Schnute, A. Visser, and P. Welch. The members of the Organizing Committee are: B. Grabmayr, R. Krapf, A. Njegomir, D. Sarikaya and M. Sarikaya. For further information, visit www.ouroboros2018.weebly.com.

• Conferences during the Model Theory, Combinatorics and Valued fields: Trimester at the Institut Henri Poincaré. January 8–April 6, 2018, Paris, France. The three themes of trimester-long program are: Model theory and application to combinatorics, Model theory of valued fields and applications, and Applications of model theory in geometry, analysis and number theory. In addition to weekly seminars and courses, the trimester includes four meetings, two of which have taken place. The remaining two meetings (with dates in parentheses), all ASL sponsored, are: Model theory of valued fields (March 5–9, 2018, at IHP), and Model theory and applications (March 26–30, 2018, at IHP). The Scientific Committee includes: E. Bouscaren, E. Breuillard, E. Hrushovski, F. Loeser, A. Pillay, and T. Scanlon. The members of the Organizing Committee are: E. Bouscaren, Z. Chatzidakis, M. Hils, D. Macpherson, and F. Wagner. For further information visit http://modvac18.math.ens.fr/.

• Computability Theory and Its Applications. June 4–8, 2018, Waterloo, Canada. This workshop aims to bring together researchers from all areas of computability theory. A public lecture will be given by A. Montalbán. The confirmed invited speakers include: D. Dzhafarov, B. Kjos-Hanssen, J. Miller, K. M. Ng, J. Reimann, R. Shore, and L. Brown Westrick. The Organizers are: L. Bienvenu, P. Cholak, B. Csima, and M. Harrison-Trainor. For further information, visit https://cta-waterloo.sciencesconf.org/.

• Tenth Scandinavian Logic Symposium (SLS2018). June 11–13, 2018, Gothenburg, Sweden. The scope of this event covers covers mathematical, computational, and philosophical logic. The members of the Program and Organizing Committee are: B. Afshari (Co-Chair), A. Enayat (Co-Chair), F. Engström, M. Kaså, and G. Leigh. For more information, visit http://scandinavianlogic.org/sls2018.

• Thirty-third Annual ACM/IEEE Symposium on Logic in Computer Science (LICS 2018). July 9–12, 2018, Oxford, UK. The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic. LICS 2018 will be organized as part of the the Seventh Federated Logic Conference (FLoC 2018; see below). The invited speakers are: T. Coquand, J. Esparza, S. Goldwasser, U. Martin, and V. Tannen. The Program Committee Chair is M. Hofmann, the Workshop Chair is P. Bouyer, the Publicity and Proceedings Chair is S. Staton, and the General Chair is M. Grohe. The Kleene Award for the best student paper, sponsored by the European Association for Theoretical Computer Science, will be presented at the meeting. For more information, visit http://lics.siglog.org/lics18/.

• Computability in Europe 2018 (CiE 2018)—Sailing Routes in the World of Computation. July 30–August 3, 2018, Kiel, Germany. This is the fourteenth in a series organized by Computability in Europe (CiE).

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Tutorials will be offered by P. Heggernes and B. Khoussainov. The invited speakers include: K. Etessami, J. Franklin, M. Gehrke, A. Marcone, A. Silva, and J.O. Shallit. Special sessions on the following topics also are planned (with organizers in parentheses): Approximation and optimization (L. Epstein and K. Jansen); Bioinformatics and bio-inspired computing (A. Franke and V. Mitrana); Computing with imperfect information (T. McNicholl and M. Sokolova); Continuous computation (U. Berger and D. Spreen); History and philosophy of computing (L. de Mol and G. Primiero); and SAT-solving (O. Beyersdorff and V. Ganesh). The Program Committee Co-Chairs are R. Miller and D. Nowotka. The Organizing Committee Co-Chairs are F. Manea and D. Nowotka. For further information, visit http://cie2018.uni-kiel.de/.

• Fifteenth International Conference on Computability and Complexity in Analysis (CCA 2018). August 5–8, 2018, Lake Kochel, Germany. This conference is concerned with the theory of computability and complexity over real-valued data. It is held in honor of Klaus Weihrauch on his 75th birthday. The invited speakers are: P. Collins, D. Graça, R. Hölzl, N. Lutz, L. Patey, D. Portas, M. Schröder, and F. Steinberg. The Scientific Program Committee includes: L. Bienvenu, H. Diener, D. Hirschfeldt, R. Hölzl, Z. Iljazović, T. Kihara, E. Mayordomo, N. Müller, N. Zhong, and M. Ziegler (Chair). The members of the Organizing Committee are: V. Brattka (Chair), P. Hertling, R. Hölzl, and P. Janicki. The deadline for submission of abstracts is April 2, 2018. For more information, visit http://cca-net.de/cca2018/.

• Thirtieth European Summer School in Logic, Language and Information (ESSLLI-2018). August 6–17, 2018, Sofia, Bulgaria. This conference series brings together logicians, linguists, computer scientists, and philosophers to study language, logic and information, and their interconnections. Introductory and advanced courses, together with workshops, cover a wide variety of topics within the three areas of interest: Language and Computation, Language and Logic, and Logic and Computation. The Chair of the Program Committee is L. Kallmeyer, and the Local Co-Chair is G. Angelova. The Chair of the Organization Committee is P. Osenova and the Co-Chair is K. Simov. ESSLLI-2018 is organized under the auspices of the Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2018, visit http://esslli2018.folli.info/; for more information about FoLLI, visit http://www.folli.info.


• Twelfth International Conference on Advances in Modal Logic (AiML 2018). August 27–31, 2018, Bern, Switzerland. This conference series is an initiative aimed at presenting the state of the art in modal logic and its various applications. The invited speakers include: A. Ciabattoni, R. Goldblatt, R. Iemhoff (joint AiML-LATD), S. Kikot, and D. Scott. The Co-Chairs of the Program Committee are G. Bezhanishvili and G. D’Agostino, and the Co-Chairs of the Organizing Committee are G. Metcalfe and T. Studer. The deadline for abstracts of full papers is March 11, 2018; for short presentations the deadline is May 20, 2018. AiML 2018 will be co-located with Logic, Algebra and Truth Degrees (LATD 2018, see below). For further information, visit http://www.aiml2018.unibe.ch.

• Logic, Algebra and Truth Degrees (LATD 2018). August 28–31, 2018, Bern, Switzerland. The invited speakers include M. Bilkova, N. Galatos, R. Iemhoff (joint AiML-LATD), T. Moraschini, and D. Petrisan. The Chair of the Program Committee is G. Metcalfe, and the Co-Chairs of the Organizing Committee are G. Metcalfe and T. Studer. LATD 2018 will be co-located with AiML 2018 (see above). For further information, visit http://www.latd2018.unibe.ch/.

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• Thirteenth International Conference on Computability, Complexity and Randomness (CCR 2018). December 17-21, 2018, Santiago de Chile, Chile. The topics include: algorithmic randomness, computability theory, computational complexity, Kolmogorov complexity, and reverse mathematics and logic. This year’s conference will be partially oriented to explore connections between these topics and the theory of dynamical systems. The invited speakers are: F. Cucker, S. Figueira, A. Gajardo (to be confirmed), M. Hoyrup, T. Kihara, B. Kra (to be confirmed), N. Lutz, A. Maass, K. M. Ng, and P. Shmerkin (to be confirmed). The members of the Program Committee are: V. Becher (Co-Chair), M. Braverman, P. Gács, N. Greenberg, A. Montalbán, H. Towsner, C. Rojas (Co-Chair), and L. Brown Westrick. The Local Organizing Committee members are: J. Aliste, V. Becher, and C. Rojas. The deadline for submission of abstracts is April 25, 2018. For further information, visit http://www.mat-unab.cl/~ccr2018/.

CALENDAR OF OTHER MEETINGS


• Seventh Federated Logic Conference (FLoC 2018). July 6–19, 2018, Oxford, UK. This event brings together several international conferences related to mathematical logic and computer science. These conferences will participate: the Thirtieth International Conference on Computer-Aided Verification (CAV), the Thirty-first IEEE Computer Security Foundations Symposium (CSF), the Twenty-third International Symposium on Formal Methods (FM), the Third International Conference on Formal Structures for Computation and Deduction (FSCD), the Thirty-fourth International Conference on Logic Programming (ICLP), the Ninth International Joint Conference on Automated Reasoning (IJCAR), the Ninth International Conference on Interactive Theorem Proving (ITP), the ASL-sponsored Thirty-third IEEE Symposium on Logic in Computer Science (LICS; see above), and the Twenty-first International Conference on Theory and Applications of Satisfiability Testing (SAT). Pre-conference workshops will be held July 7–8, 2018. The General Chair is M. Vardi and the Steering Committee Co-Chairs are D. Kroening and M. Kwiatkowska. For more information, visit http://www.floc2018.org.

• Second Women in Logic Workshop (WiL 2018). July 8, 2018, Oxford, UK. This event is being held as a LICS 2018 (see Sponsored Meetings, above) associated workshop this year. The workshop will provide an opportunity for women in the field to increase awareness of one another and one another’s work. The invited speakers are B. Pientka and P. Stevens. Topics of interest include but are not limited to the usual LICS topics. The members of the Scientific and Organizing Committee are: A. Compagnoni, A. Felty, A. Ingolfsdottir, S. Kalvala, U. Martin, V. de Paiva (Chair), B. Pientka, and V. Vignudelli. The deadline for submission of papers is March 31, 2018. For more information, visit https://sites.google.com/site/womeninlogic2018/welcome.

The next Newsletter will be sent in April 2018. Items to be included should reach the Secretary-Treasurer before March 31, 2018.

Submitted by Charles Steinhorn, Secretary-Treasurer.