THE BULLETIN OF SYMBOLIC LOGIC
Volume 15, Number 2, June 2009

NOTICES

- THE 2008 SACKS PRIZE AWARDED JOINTLY TO I. EPSTEIN AND D. RAGHAVAN. The ASL Committee on Prizes and Awards has selected Inessa Epstein of the California Institute of Technology and Dilip Raghavan of the University of Toronto as the recipients of the 2008 Sacks Prize. The prize consists of a cash award plus five years free membership in the ASL for each awardee.

  Epstein received her Ph.D. in 2008 from the University of California, Los Angeles, under the supervision of Greg Hjorth. The Prizes and Awards Committee citation notes that in her thesis, *Some results on orbit inequivalent actions of non-amenable groups*, she "solves one of the most important problems in measurable group theory, the resolution of which involves a combination of deep results from different branches of mathematics."

  Raghavan received his Ph.D. in 2008 from the University of Wisconsin at Madison under the supervision of Ken Kunen. The Committee cited that his thesis, *Madness and set theory*, "uses modern methods associated with independence proofs to obtain, just using *ZFC*, results on almost disjoint (MAD) families, that in particular solve a twenty-year-old problem of Van Douwen."

- THE 2008 ASL ELECTION. The ASL membership has elected Lev Beklemishev (Steklov) and Roman Kossak (CUNY) to the Executive Committee, and Ayse Berkman (Ankara) and R. Ramanujam (CIT, Institute of Math Sciences, Chennai) to the Council. Their terms of office are for three years beginning January 1, 2009. The Nominating Committee consisted of Michael Hallett, Steffen Lempp, Rohit Parikh, John Steel (Chair), Stan Wainer, and Carol Wood.

- CALL FOR PROPOSALS: 2012 NORTH AMERICAN ANNUAL MEETING. The ASL Committee on Logic in North America requests proposals for the 2012 ASL North American Annual meeting, to be held some time in the first five months of 2012. 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 in the pattern: midwest (Notre Dame 2009), east (George Washington 2010), west (site for 2011 to be determined). Thus, for 2012 the committee seeks a location in the midwest. Any reasonable proposal, however, will be considered. For more information, interested parties should contact the Committee Chair, Jeremy Avigad (email: `avigad@cmu.edu`) no later than November 1, 2009.

- CALL FOR PROPOSALS: 2011 AMS-ASL JOINT SPECIAL SESSION. The ASL Committee on Logic in North America requests proposals for an AMS-ASL Joint Special Session to be held at the Joint Mathematics Meetings in New Orleans, January 5–8, 2011. Proposals or requests for further information should be sent to the Committee Chair, Jeremy Avigad (email: `avigad@cmu.edu`). The deadline for receipt of proposals is January 15, 2010.

- 2009 SACKS PRIZE. The ASL invites nominations for the 2009 Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. Nominations must be received by September 30, 2009. The Sacks Prize was established to honor 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://www.aslonline.org/info-prizes.html.

Anyone who wishes to make a nomination for the 2009 Sacks Prize should consult the webpage http://www.aslonline.org/Sacks_nominations.html for the precise details of the application process. A brief summary of the procedure is provided below.

Students who defend their dissertations (equivalent to the American doctoral dissertation) between October 1, 2008, and September 30, 2009, 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 where the doctorate was awarded, letter of recommendation from the adviser, and an electronic copy of the thesis in .pdf or .ps form, or the address of a web site from which an electronic copy in .pdf or .ps form can be downloaded. An independent second letter of recommendation is strongly encouraged. Nominations should be sent to the Committee Chair, Julia Knight; .pdf or .ps files sent as attachments by email to Julia.F.Knight.1@nd.edu are preferred. The form of such letters and other pertinent details can be found at the web site above, and need to be read prior to submitting a nomination. Correspondence should be addressed to Julia Knight, Department of Mathematics, University of Notre Dame, 255 Hurley Hall, Notre Dame, IN 46556-4618, USA.

Those wishing to contribute to the Sacks Prize Fund may send contributions to the ASL office (ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, New York 12604). All such contributions are tax-deductible within the USA.

- New ASL Committee on Logic Education Website. The ASL Committee on Logic Education has a new web address for its activities: http://www.ucalgary.ca/aslcle/. These pages contain information on reports and guidelines for logic education, meetings of the committee or of other logic instruction related meetings, both focused on undergraduate and graduate teaching, and also a list of logic teaching aids (currently 27 different programs strong). The logic courseware list includes programs to do natural deduction or tableau reasoning online, construct and model check relational structures (both for first order logic and for modal logic), ways to assist informal reasoning and to translate text into logic, etc. This list has been maintained since 1996 by H. van Ditmarsch, a member of the Committee.

  Additions to the information available on the webpages and suggestions for other new items are highly appreciated; please contact one of the members of the Committee with suggestions. The list of members of the ASL Committee on Logic Education may be found at http://www.aslonline.org/info-council.html#ced.

- ASL Newsletter via Email. The ASL Newsletter is now being sent by email to all members for whom the ASL has an email address and who do not specifically request to be sent the printed version. To exercise this "opt-out"provision, please notify the ASL's subscription fulfillment agent at asl-service@ams.org.

- Book and Journal Discounts for ASL Members. Several publishers now offer discounts on books and journals to ASL members. For a detailed description of these discounts, visit http://www.aslonline.org/members-discounts.html on the ASL website, or write to the ASL Business Office.

- Student Travel Awards: ASL or ASL-Sponsored Meetings. The ASL will make available modest travel awards to graduate students in logic so that they may attend ASL or ASL-sponsored meetings (other than the 2010 North American Annual Meeting and the 2010 European Summer Meeting; the announcement for travel award applications for these meetings will be made in September 2009). 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 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 on a US flag carrier. Application by email is encouraged; put "ASL travel application" in the subject line of your message.

For ASL student member travel grants to ASL or ASL-sponsored meetings (other than the 2010 North American Annual Meeting and the 2010 European Summer Meeting), applications and recommendations should be received at least three months prior to 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.

- 2009 ASL European Summer Meeting (Logic Colloquium '09). *July* 31–*August* 5, 2009, *Sofia*, *Bulgaria*. Tutorials (with titles in parentheses) will be offered by U. Kohlenbach (*Proof interpretations and their use in mathematics*), A. Nies (*Applying randomness to computability*), and R. Schindler (*The evolution of inner models*). The twentieth annual Gödel Lecture will be delivered by R. Shore. The invited speakers include E. Bouscaren, S.B. Cooper, T. Coquand, I. Farah, V.S. Harizanov, S. Kreutzer, D.W. Kueker, B. Miller, I. Neeman, D.S. Scott, K. Tent, and J. Väänänen. Special sessions are planned on Computability Theory, Logic and Category Theory, Model Theory—New Directions in Classification Theory, Philosophical Logic, and Set Theory. The Program Committee includes: S. Abramsky, K. Ambos-Spies, J. Bagaria (Chair), F. Ferreira, M. Goldstern, E. Grädel, E. Hrushovski, T. Hyttinen, Y. Moschovakis, M. Otero, S. Shapiro, I. Soskov, and W.H. Woodin. The Local Organizing Committee includes: D. Dobrev, D. Guelev, L. Ivanov, S. Nikolova, S. Passy, D. Shiyachki, A. Soskova (Chair), M. Soskova, M. Yanchev, and A. Zinoviev. For more information, visit `http://lc2009.fmi.uni-sofia.bg/`.

- 2009-10 ASL Winter Meeting (with Joint Mathematics Meetings). *January* 13–16, 2010, *San Francisco*, *California*. This meeting will take place in conjunction with the Joint Mathematics Meetings. The members of the Program Committee are M. Beeson, B. Kjos-Hanssen, and J. Steel (Chair). 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 must be received by the deadline of September 11, 2009, 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`.

- 2010 ASL North American Annual Meeting. *March* 17–20, 2010, *Washington*, *D.C.* The members of the Program Committee are: W. Gasarch, J. Hamkins, A. Kolesnikov, R. Rynasiewicz, P. Selinger, and R. Solomon (Chair). The Local Organizing Committee includes: A. Enayat, A. Eskandarian, J. Goodrick, V. Harizanov (Chair), and A. Kolesnikov.

- Rules for Abstracts. The rules for abstracts of contributed talks at ASL meetings (including those submitted "by title") may be found at the website `http://www.aslonline.org/rules_abstracts.html` . *The rules were recently revised and all authors who wish to submit abstracts are urged to consult the new rules*. 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 submitting them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.

- Sixteenth Workshop on Logic, Language, Information and Computation (WoLLIC' 2009). *June* 21–24, 2009, *Tokyo, Japan*. This is the sixteenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is H. Ono. The Co-chairs of the Organizing Committee are M. Kanazawa and R. de Queiroz. For further information, visit `http://www.wollic.org/wollic2009/`. (ASL Sponsored Meeting.)
- Eleventh Asian Logic Conference. *June* 22–27, 2009, *Singapore, Republic of Singapore*. This event honors Chitat Chong on the occasion of his sixtieth birthday. The invited speakers include: K. Ambos-Spies, T. Arai, B. Baizhanov, J. Baldwin, R. Downey, I. Farah, R. Jin, I.Sh. Kallimullin, P. Koellner, M. Lerman, M. Magidor, M. Rathjen, G. Sacks, S. Simpson, T. Slaman, F. Stephan, and W.H. Woodin. The Program Committee members are: R. Downey, Q. Feng (Chair), B. Kim, T. Slaman, A. Tsuboi, H. Woodin and Y. Yang. The members of the Local Organizing Committee are: Q. Feng, F. Stephan, G. Wu and Y. Yang (Chair). For further information, visit `http://www.ims.nus.edu.sg/Programs/09asianlogic/index.htm`. (ASL Sponsored Meeting.)
- Fourth Conference on Logic, Computability and Randomness. *June* 29–*July* 3, 2009, *Marseille, France*. This event, to be held at the International Center for Mathematical Meetings (CIRM), will focus on algorithmic randomness (Kolmogorov complexity) and its connections to classical computability and degrees, combinatorics, computable analysis (measures, martingales, Hausdorff dimension, etc.), computational complexity and pseudo-randomness, dynamical systems, and mathematical logic. The Local Organizing Committee includes: L. Bienvenu, B. Durand, and A. Shen. The members of the Steering Committee are: V. Becher, R. Downey, B. Durand, D. Hirschfeldt, W. Merkle, and A. Shen. For further information, visit `http://www.lif.univ-mrs.fr/lce/index.html`. (ASL Sponsored Meeting.)
- 2009 Australasian Association for Logic Meeting. *July* 11–12, 2009, *Melbourne, Australia*. This annual event will follow the Australasian Association of Philosophy Conference, to be held in Melbourne on July 6–11, 2009. The conference organizer is R. Brady (`Ross.Brady@latrobe.edu.au`). For more information, visit `http://www.aalogic.org`. (ASL Sponsored Meeting.)
- Computability in Europe 2009 (CiE 2009): Mathematical Theory and Computational Practice. *July* 19–24, 2009, *Heidelberg, Germany*. This event is the fifth in a series organized within the network "Computability in Europe" (CiE). The particular focus of the event is on bridging the gap from the theoretical methods of mathematical and meta-mathematical flavor to the applied and industrial questions of computational practice. The conference aims to bring together researchers who want to explore the historical and philosophical aspects of the field. Tutorials will be offered by P. Pudlák and L. Trevisan. Invited speakers include: M. Agrawal, J. Avigad, P. Kolaitis, P. Koepke, A. Sorbi, R.D. Sorkin, and V. Vazirani. Special sessions are planned on Algorithmic Randomness, Computational Model Theory, Computation in Biological Systems, Optimization and Approximation, Philosophical and Mathematical Aspects of Hypercomputation, and Relative Computability. The Co-chairs of the Program Committee are K. Ambos-Spies and W. Merkle. For more information, visit `http://www.math.uni-heidelberg.de/logic/cie2009/index.php`. (ASL Sponsored Meeting.)
- European Science Foundation Research Conference in Model Theory. *August* 9–14, *Bedlewo, Poland*. This European Science Foundation event, in partnership with the European Mathematical Society and the European Research Centers on Mathematics, will be held at the Stefan Banach Mathematical Research and Conference Center and will cover all

areas of model theory. The invited speakers include: M. Bays, J. Burdges, L. van den Dries, M. Edmundo, M. Gavrilovich, B. Hart, P. Hieronymi, E. Hrushovski, E. Jaligot, M. Kamensky, J. Kirby, K. Krupinski, C. Laskowski, F. Maalouf, J. Marikova, A. Onshuus, M. Otero, A. Pillay, T. Scanlon, T. Servi, K. Tent, G. Terzo, and A. Usvyatsov. The members of the Program Committee are: Z. Chatzidakis, L. Newelski (Chair), Y. Peterzil, and B. Zilber. The Organizing Committee includes: A. Iwanow, P. Kowalski (Chair), K. Krupinski, M. Petrykowski, and R. Wencel. For further information, visit `http://www.esf.org/activities/esf-conferences/details/2009/confdetail305.html`. (ASL Sponsored Meeting.)

- Twenty-fourth Annual IEEE Symposium on Logic in Computer Science (LICS 2009). *August* 11–14, 2009, *Los Angeles*, *California*. The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. LICS 2009 will be co-located with the Sixteenth International Static Analysis Symposium (SAS 2009). The LICS Program Chair is A. Pitts, the LICS General Chair is M. Abadi, and the LICS Conference Chair is J. Palsberg. For further information about LICS, visit `http://www2.informatik.hu-berlin.de/lics/lics09/index.html`; for additional information about SAS 2009, visit `http://sas09.cs.ucdavis.edu/`. (ASL Sponsored Meeting.)
- Eighteenth Annual Conference on Computer Science Logic (CSL 09). *September* 7–11, 2009, *Coimbra*, *Portugal*. This year the Conference is co-located with the Nineteenth International Symposium on Logic-Based Program Synthesis and Transformation (LOPSTR 2009) and the International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming (PPDP 2009). The invited speakers include: M. Bojańczyk, T. Coquand, M. Grohe, Y. Moschovakis, and P. Oliva. A special session on the life and work of Stephen Kleene also is planned: 2009 marks the centennial of his birth. The Co-chairs of the Program Committee are E. Grädel and R. Kahle. The Co-chairs of the Organizing Committee are A. Almeida, R. Kahle, and P. Quaresma. For more information, visit `http://www.mat.uc.pt/~csl/`. (ASL Sponsored Meeting.)
- Models, Logics and Higher-Dimensional Categories: A tribute to the work of Mihaly Makkai. *June* 19–20, 2009, *Montreal*, *Canada*. This event, to be held at Centre de Recherche Mathématique (CRM), will focus on traditional model theory, categorical model theory and logics, and higher-dimensional category theory, the main themes in Makkai's research career. Invited speakers include: M. Barr, V. Harnik, B. Hart, A. Joyal, H. Kierstead, J. Knight, F. Lamarche, J. Lambek, R. Paré, A. Pillay, G. Reyes, C. Steinhorn, and M. Zawadowski. The members of the Organizing Committee are: B. Hart, T. Kucera, P. Scott, and R. Seely. For further information, visit `http://www.crm.umontreal.ca/Makkaifest09/index_e.php`, or contact P. Scott (`phil@site.uottawa.ca`) or R. Seely(`rags@math.mcgill.ca`).
- Federated Conference on Rewriting, Deduction, and Programming (RDP'09). *June* 28–*July* 3, 2009, *Brasilia*, *Brazil*. This event comprises the Twentieth International Conference on Rewriting Techniques and Applications (RTA'09) and the Ninth International Conference on Typed Lambda Calculi and Applications (TLCA'09). In addition, the School on Rewriting, Type Theory, and Applications will take place the week prior to RDP. The TLCA'09 Program Chair is P.-L. Curien and the RTA'09 Program Chair is R. Treinen. For further information, visit `http://www.pps.jussieu.fr/~treinen/rdp09/cfwp.html`.
- Leeds Symposium on Proof Theory and Constructivism. *July* 4–16, 2009, *Leeds*, *England*. This two week symposium, to be held in the Research Visitors' Centre of the School of Mathematics at Leeds, comprises three connected events. The event begins on July 4–5 with an LMS-funded conference on Proofs and Computations, in honor of Stan Wainer on the occasion of his sixty-fifth birthday. The invited speakers are: W. Buchholz, E.A. Cichon,

D. Normann, W.W. Tait, J.V. Tucker, and A. Weiermann. The Symposium continues on July 5–6 with a Gentzen Centenary Conference, funded by the Gödel Society, celebrating 100 years since the birth of Gerhard Gentzen, the founder of structural proof theory. The invited speakers include: M. Baaz, G. Mints, J. von Plato, W. Pohlers, H. Schwichtenberg, and G. Sundholm. The event concludes with an EPSRC-funded Research Workshop on Proof Theory and Constructivism on July 7–16. Though each day will begin with two plenary sessions, the emphasis will be on research activity within the following areas: constructive foundations, constructive methods in mathematic, ordinal analysis, and proof mining and complexity. The Symposium organizers are L. Crosilla, M. Rathjen, and S. Wainer. Limited support is available for younger researchers, who are encouraged to attend. For further information, visit `http://www.personal.leeds.ac.uk/~matptw/index.html`.

- SECOND EUROPEAN SET THEORY MEETING: IN HONOR OF RONALD JENSEN. *July* 5–10, 2009, *Bedlewo, Poland.* This European Science Foundation event, in partnership with the European Mathematical Society and the European Research Centers on Mathematics, will be held at the Stefan Banach Mathematical Research and Conference Center and will cover all areas of set theory and its applications. The invited speakers include: T. Banakh, T. Bartoszynski, J. Cummings, G. Debs, M. Džamonja, I. Epstein, S. Friedman, M. Gitik, R. Jensen, U. Juhász, M. Kojman, M. Magidor, J. Moore, I. Neeman, J. Pawlikowski, D. Raghavan, G. Sargsyan, S. Solecki, J. Steel, S. Todorcevic, T. Tsankov, P. Welch, H. Woodin, J. Zapletal, and M. Zeeman. The Conference Chair is J. Väänänen. The Organizing Committee includes G. Plebanek, R. Schindler, and B. Velickovic. For further information, visit `http://www.esf.org/conferences/09306`.

- TOPOLOGY, ALGEBRA AND CATEGORIES IN LOGIC (TACL'09). *July* 7–11, 2009, *Amsterdam, The Netherlands.* This event will focus on three interconnecting mathematical themes central to the semantical study of logics and their applications: algebraic, categorical, and topological methods. The invited speakers are: M. Hyland, A. Jung, V. Marra, P.-A. Mellies, I. Moerdijk, A. Pultr, L. Schroeder, K. Terui, and C. Tsinakis. The Program Chair is M. Gehrke, and the Co-chairs of the Local Organizing Committee are A. Palmigiano and Y. Venema. For more information, visit `http://www.illc.uva.nl/tacl09`.

- TWENTY-FIFTH INTERNATIONAL CONFERENCE ON LOGIC PROGRAMMING (ICLP'09). *July* 14–17, 2009, *Pasadena, California.* Since its inception in 1982, this conference series has been the premier international event for presenting research in logic programming. This year the conference is co-located with the International Joint Conference on Artificial Intelligence (IJCAI), to take place July 11–17, 2009. The General Co-Chairs are G. Gupta and H.-F. Guo; the Program Co-Chairs are P. Hill and D.S. Warren; and the Workshop Chair is M. Carro. The members of the Local Organizing Committee include: A. Casagrande, E. De Maria, L. Di Gaspero, and C. Piazza. For further information, visit `http://www.ist.unomaha.edu/iclp2009/`.

- TWENTY-FIRST EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2009). *July* 20–31, 2009, *Bordeaux, France.* The European Summer Schools in Logic, Language and Information focus on the interface between linguistics, logic and computation. Foundational, 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. ESSLLI-2009 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2009 visit `http://esslli2009.labri.fr/`; for further information about FoLLI, visit `http://www.folli.org`.

- SIXTEENTH INTERNATIONAL SYMPOSIUM ON TEMPORAL REPRESENTATION AND REASONING (TIME 2009). *July* 23–25, 2009, *Brixen-Bressanone, Italy.* This annual event brings together researchers from all areas of computer science that involve temporal representation and reasoning. The program includes three tracks: temporal representation and reasoning in AI, temporal database management, and temporal logic and verification in computer science. The General Chair of the symposium is D. Toman; the Program Committee Chairs are C. Lutz and J.-F. Raskin; and the Organization Chair is A. Artale. For further information, visit `http://www.inf.unibz.it/krdb/events/time-2009/`.

- TWENTY-SECOND INTERNATIONAL CONFERENCE ON AUTOMATED DEDUCTION (CADE 2009). *August* 2–7, 2009, *Montreal, Canada*. This annual event is the major forum for the presentation of research in all aspects of automated deduction. The invited speakers include: K. Korovin, M. Rinard, and M. Stickel. The General Chair is B. Pientka and the Program Chair is R. Schmidt. For further information, visit `http://complogic.cs.mcgill.ca/cade22/`.
- NINETEENTH INTERNATIONAL SYMPOSIUM ON LOGIC-BASED PROGRAM SYNTHESIS AND TRANSFORMATION (LOPSTR 2009). *September* 7–11, 2009, *Coimbra, Portugal*. The aim of this series is to stimulate and promote international research and collaboration on logic-based program development. This year, the Symposium is co-located with the ASL-sponsored EACSL Annual Conference on Computer Science Logic (CSL 2009; see above) and the International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming (PPDP 2009). The Program Chair is D. De Schreye and the Conference Chair is A. Almeida. The members of the Local Organizing Committee are A. Almeida, R. Kahle, and P. Quaresma. For further information, visit `http://www.cs.kuleuven.be/conference/lopstr09/`.
- TENTH INTERNATIONAL CONFERENCE ON LOGIC PROGRAMMING AND NONMONOTONIC REASONING (LPNMR'09). *September* 14–18, 2009, *Potsdam, Germany*. This event aims to facilitate interactions between researchers interested in the design and implementation of logic-based programming languages and database systems, and researchers who work in the areas of knowledge representation and nonmonotonic reasoning. The Program Chairs are F. Lin and T. Schaub. For more information, visit `http://www.cs.uni-potsdam.de/lpnmr09`.
- WORKSHOP AND AMS SPECIAL SESSION ON CONSTRUCTIVE MATHMEMATICS. *October* 28–*November* 1, 2009, *Boca Raton, Florida*. The workshop will be held on October 28–29, followed on October 30–November 1 by the Special Session at the AMS Sectional Meeting. The topics of the workshop sessions, with their leaders in parentheses are: algebra (F. Richman), analysis (D. Bridge), set theory (M. Rathjen), and topology (B. Spitters). The workshop concludes on the morning of October 30 with a lecture for a general mathematical audience by V. Lifschitz on constructive mathematics and computer science.

  Abstracts of twenty-minute talks to be considered for inclusion in the AMS special session can be submitted on the AMS website at `http://www.ams.org/cgi-bin/abstracts/abstract.pl`. The deadline for submission is July 14, 2009 (note that this is different from the deadline for contributed talks). The organizing committee is Robert Lubarsky, Fred Richman, and Marty Solomon. For further information contact about the workshop or special session, contact R. Lubarsky at `Robert.Lubarsky@comcast.net` for further information about the AMS sectional meeting, visit `http://ams.org/amsmtgs/sectional.html`.