• **In Memoriam: Leon Henkin.** Leon Albert Henkin, eminent logician and leader in mathematics education, died November 1, 2006. He was Professor of Mathematics Emeritus at the University of California, Berkeley, and had served as President of the Association for Symbolic Logic from 1962 through 1964.

Henkin was born on April 19, 1921 in Brooklyn. He received a B.A. in Mathematics and Philosophy at Columbia in 1941 and a Ph.D. in Mathematics under Alonzo Church at Princeton in 1947. From 1942–46 he served the U.S. war effort, finishing as head of the Separation Performance Group at Oak Ridge. After several academic positions at Princeton and the University of Southern California, he joined the Berkeley faculty in 1953 and in 1959 became the first Chair of the new Group in Logic and the Methodology of Science. He served as Acting Chair or Chair of the Department of Mathematics during 1966-68 and 1983-85.

Among his many wide-ranging contributions to logic, Henkin is perhaps best known for his “radically” new proof of Gödel’s completeness theorem, in which he introduced what became a fundamental technique of model theory—the use of so-called ‘Henkin constants’—and his work in algebraic logic, where he co-authored the monumental two-volume “Cylindric Algebras” with J.D. Monk and Alfred Tarski.

Henkin was known as an extraordinarily clear expositor—in lectures, books, and films—receiving the Chauvenet Prize of the Mathematical Association of America (MAA) in 1964. He was a creative and energetic leader in the field of mathematical education, winning the MAA's first Gung-Hu Award in 1990 with the citation, “Few individuals of our era have had a greater impact on the health of American mathematics than has Leon Henkin.” Finally, Henkin was an enormously influential national leader in the efforts to boost the number of women and underrepresented minorities in the upper echelons of mathematics and was himself recently named the first recipient of Berkeley’s new annual award in this area, the Leon Henkin Citation for Distinguished Service.

• **The 2006 ASL Election.** The ASL membership has elected Penelope Maddy (UC Irvine) as President, Alex J. Wilkie (Oxford) as Vice President, C.T. Chong (Singapore) and Jouko Väänänen (Helsinki) to the Executive Committee, and Jeremy Avigad (Carnegie Mellon) and Bakhadyr Khoussainov (Auckland) to the Council. Their terms of office are for three years beginning January 1, 2007. The Nominating Committee consisted of Françoise Delon, Donald A. Martin, Yiannis Moschovakis, Toniann Pitassi, Michael Rathjen, Richard A. Shore (Chair), Albert Visser, and W. Hugh Woodin.

• **The 2006 Sacks Prize Awarded to M. Viale.** The ASL Committee on Prizes and Awards has selected Matteo Viale of the the University of Torino and the University of Paris 7 as the recipient of the 2006 Sacks Prize. Viale received his Ph.D. in 2006 from the University of Torino and the University of Paris 7, under the supervision of Alessandro Andretta and Boban Veličković. The Committee’s citation reads: “Viale’s thesis makes fundamental contributions to our understanding of the consequences of forcing axioms in the combinatorics of singular cardinals. In particular, it solves a well-known problem, by showing that the Proper Forcing Axiom implies the Singular Cardinals Hypothesis.” The prize consists of a cash award plus five years free membership in the ASL.

• **Shoenfield Prize.** The ASL invites nominations for the inaugural Shoenfield Prize for outstanding expository writing in the field of logic. This prize, to be awarded at the 2007 ASL European Summer Meeting, has been 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 fund on which the Prize is based is administered by the ASL and the award is made by the Association upon the recommendation of the ASL Committee on Prizes and Awards.
For general information about the Prize, visit http://www.aslonline.org/info-prizes.html.

There will be a Shoenfield Prize for a book and another one for an expository article, each to be awarded simultaneously every three years; the first Shoenfield Prize(s) will be awarded in 2007. The Shoenfield Prize for a book consists of a cash award of $1,500; the Prize for an article is a cash award of $1,000. Any book or article published during the six years prior to the award year is eligible. The deadline for nominations is March 1 of the year of the award.

Eligible books, articles, and papers for the 2007 Shoenfield Prize are those published in the period January 1, 2001 to December 31, 2006. The deadline for nominations is March 1, 2007. Nominations should be sent to the Chair of the ASL Committee on Prizes and Awards, John Steel (email: steel@math.berkeley.edu).

Those wishing to contribute to the Shoenfield 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.

• Cambridge University Press New Publisher of ASL Books. Cambridge University Press became the official publisher for the ASL book publishing program, effective October 1, 2006, replacing A.K. Peters, Ltd. All ASL books published by A.K. Peters prior to October 1 will continue to be marketed and made available by that publisher. More information about this change in the ASL book publishing program will be posted soon at http://www.aslonline.org/books.html.

• Special Sale of ASL Books. For a limited time, the ASL is making available the following volumes from its book series at an additional discount.

Lecture Notes in Logic (each volume $12 for ASL members, $16 for non-members): LNL vol. 11, Logic Colloquium ’95; Proceedings of the Annual European Summer Meeting of the Association for Symbolic Logic, held in Haifa, Israel, August 9-18, 1995; LNL vol. 12, Logic Colloquium ’96; Proceedings of the Colloquium held in San Sebastian, Spain, July 9-15, 1996.

Perspectives in Logic (each volume $18 for ASL members, $24 for non-members): Essential Stability Theory by S. Buechler; Metamathematics of First Order Arithmetic by P. Hajek and P. Pudlak.

To order these specially discounted volumes, 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.

ASL MEETINGS

• Student Travel Awards: The 2007 ASL European Summer Meeting and other ASL or ASL-Sponsored Meetings. The ASL will make available modest travel awards to graduate students in logic and to recent Ph.D.’s so that they may attend the 2007 ASL European Summer Meeting in Wroclaw, Poland; see below for information about this meeting. 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, in the case of an ASL student member application to attend an ASL or ASL-sponsored meeting other than the Annual Meeting or European Summer Meeting, 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 to the ASL Annual Meeting and the European Summer Meeting 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 the 2007 ASL European Summer Meeting, applications and recommendations should be received before
the deadline of March 19, 2007, by the Organizing Committee: LC2007, Institute of Computer Science, Wroclaw University, ul. Joliot-Curie 15, PL-50-383 Wroclaw, Poland; email: lc2007@i.uni.wroc.pl.

For ASL student member travel grants to other ASL or ASL-sponsored meetings, 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.


A program and pre-registration form for this meeting are enclosed in this Newsletter mailing. For further information, visit http://www.math.ufl.edu/~jai/logicyear/asl/.

• **2007 ASL Spring Meeting (with APA).** *April 18–21, 2007, Chicago, Illinois.* This meeting will be held jointly with the Annual Meeting of the Central Division of the American Philosophical Association. There will be three invited sessions. For the first, “Categorical Logic,” the speakers are S. Awodey and J.-P. Marquis, and the commentator is C. McLarty. In the second session, “Directions in Logic,” Y. Moschovakis, R. Parikh, and R. Thomason will speak. The speakers for the third invited session are J. Baldwin and S. Lempp. The members of the Program Committee are D. Leivant, L. Moss, and W. Tait (Chair). Hotel and registration forms are enclosed in this mailing.

• **2007 ASL European Summer Meeting (Logic Colloquium ’07).** *July 13–19, 2007, Wroclaw, Poland.* This conference will be co-located with the 2007 International Colloquium on Automata, Languages and Programming (ICALP 2007; see below and http://www.eatcs.org/) and the Twenty-second Annual IEEE Symposium on Logic In Computer Science (LICS 2007; see below or visit http://www2.informatik.hu-berlin.de/lics/lics07/). Invited joint ASL-LICS hour lectures will be given by M. Hyland, C. Stirling, and invited joint ASL-LICS thirty-minute lectures will be offered by C. Calcagni, M. Escardó, R. Iemhoff, and A. Simpson. Tutorials will be offered by S. Jackson on Cardinal arithmetic of L(R) and related models and B. Khoussainov on Automatic structures. Additional program information will be available soon. The Program Committee includes: A. Andretta, F. Delon, U. Kohlenbach, S. Lempp (Chair), P. Maddy, J. Marcinkowski, L. Newelski, A. Pitts, P. Pudlak, S. Solecki, F. Stephan, and G. Sundholm. The Local Organizing Committee includes: T. Jurdzinski, E. Kieronski, P. Kowalski, J. Marcinkowski (Chair), and B. Rusiecka. Further information will be posted shortly at http://july2007.ii.uni.wroc.pl/.

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—hard copy or email—should be received before the deadline of April 2, 2007 at the official meeting address: LC2007, Institute of Computer Science, Wroclaw University, ul. Joliot-Curie 15, PL-50-383 Wroclaw, Poland; email: lc2007@i.uni.wroc.pl.

• **2008 ASL Annual Meeting.** *March 27–30, 2008, Irvine, California.* The members of the Local Organizing Committee include: A. Antonelli (Chair), P. Eklof, M. Foreman, P. Maddy, K. Wehmeier, and M. Zeman.

• **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 submitting them. Revised abstracts that follow the rules will be considered if they are received by the announced deadline.
• Computability in Europe 2007 (CiE 2007): Computation and Logic in the Real World. June 18–23, 2007, Siena, Italy. This meeting is being organized within the network “Computability in Europe” (CiE). The focus of this event is on aspects of logical approaches to computational barriers. There will be tutorials on “Logic, Computability And Complexity In The Real World” (P. Adriaans) and Biological Computing (K. Benenson). Invited speakers include: A. Condon, S. Cook, Y. Ershov, S. Laplante, W. Maas, A. Nerode, R. Penrose, M. Rathjen, D. Scott, R. Soare, and P. Welch. Special sessions also are planned on Approaches to Computable Mathematics, Complexity of Algorithms and Proofs, Computational Learning, Doing without Turing Machines: Constructivism and Formal Topology, Logic and New Paradigms of Computability, and Real Computation. The Co-chairs of the Program Committee are B. Cooper and A. Sorbi. The local organizers include: M. Affatato, G. Barmpalias, B. Cooper, T. Flaminio, G. Gherardi, T. Kent, A. Lewis, B. Löwe, F. Montagna, A. Sorbi, and L. Spada. For further information, visit http://www.amsta.leeds.ac.uk/~pmt6sbc/cie07.html.

• Fourteenth Workshop on Logic, Language, Information and Computation (WoLLIC’2007). July 2–5, 2007, Rio de Janeiro, Brazil. This is the fourteenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic. The Chair of the Program Committee is D. Leivant. The Co-chairs of the Organizing Committee are: R. de Queiroz and P. Viana. The deadline for submission of papers is March 2, 2007. For further information, visit http://www.cin.ufpe.br/~wollic/wollic2007.

• Twenty-second Annual IEEE Symposium on Logic in Computer Science (LICS 2007). July 10–14, 2007, Wroclaw, Poland. LICS is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. LICS 2007 will be co-located with the 2007 ASL European Summer Meeting (Logic Colloquium 2007; see above and http://www.aslonline.org) and with the 2007 International Colloquium on Automata, Languages and Programming (ICALP 2007; see below and also http://www.eatcs.org/). The Program Chair is L. Ong; the Conference Chair is J. Marcinkowski; and the LICS General Chair is M. Abadi. For more information, visit http://www2.informatik.hu-berlin.de/lics/lics07/.


CALENDAR OF OTHER MEETINGS (Also see http://www.aslonline.org)

• University of Florida Special Year in Logic. September 2006–June 2007, Gainesville, Florida. Throughout the year there will be a series of special lectures and week-long meetings. The topics of the upcoming meetings, with dates in parentheses, include: Singular cardinal combinatorics and inner models (March 5–11, 2007), and Set theory of the reals (May 5–11, 2007). Detailed information about each meeting appears below. In addition, the 2007 ASL Annual Meeting will be held on March 10–13, 2007 (see above and http://www.aslonline.org). For further information about the special year, visit http://www.math.ufl.edu/~jal/logicyear/.

• Singular Cardinal Combinatorics and Inner Model Theory. March 5–11, 2007, Gainesville, Florida. This event is part of the University of Florida Special Year in Logic (see above). A tutorial will be offered by A. Sharon. Invited speakers include: M. Magidor, S. Todorcevic, and H. Woodin. The members of the Organizing Newsletter continued on separate sheet
Committee are: M. Foreman, W. Mitchell, and J. Steel. For further information, visit http://www.math.ufl.edu/~jal/logicyear/scim/.

• European Joint Conferences on Theory and Practice of Software (ETAPS 2007). March 24–April 1, 2007, Braga, Portugal. ETAPS is the primary European forum for academic and industrial researchers working on topics relating to Software Science. It is a confederation of five main annual conferences, accompanied by satellite workshops and other events, many of which are of interest to logicians. For further information, visit http://www.di.uminho.pt/etaps07/.

• First International Conference on Language and Automata Theory and Applications (LATA 2007). March 29–April 4, 2007, Tarragona, Spain. Invited tutorials by V. Diekert on “Equations: From Words to Graph Products” and by E. Grädel on “Infinite Games” are planned. The invited speakers include: N. Francez/M. Kaminski, N. Immerman, and H. Juergensen. The Co-chairs of the Program Committee are Z. Esik, C. Martin-Vide, and V. Mitrana. The Chair of the Organizing Committee is C. Martin-Vide. For further information, visit http://www.grammars.grlmc.com/LATA2007/.

• Mathematical Foundations of Programming Semantics (MFPS XXIII). April 11–14, 2007, New Orleans, Louisiana. The invited speakers include: S. Brookes, J. Hillston, J. Mitchell, G. Plotkin, and J. Power. A tutorial on domain theory is planned for the opening day of the meeting. There also will be special sessions on: physics, information and computation; security; systems biology; and a session to honor Gordon Plotkin on his sixtieth birthday. The Chair of the Program Committee is M. Fiore, and local arrangements are being overseen by M. Mislove. For further information, visit http://www.math.tulane.edu/~mfps/mfps23.htm.

• Second International Symposium on Fundamentals of Software Engineering (FSEN 2007). April 17–19, 2007, Tehran, Iran. This event aims to bring together researchers, engineers, developers and practitioners from universities and industry working in every area of formal methods. The General Co-chairs are A. Movaghar and J. Rutten. The Co-chairs of the Program Committee are F. Arbab and M. Sirjani. For further information, visit http://cs.ipm.ac.ir/FSEN07.

• Set Theory of the Reals. May 5–11, 2007, Gainesville, Florida. This event is part of the University of Florida Special Year in Logic (see above). Introductory tutorials (with speakers in parentheses) will be offered on Banach spaces (G. Godefroy), Borel equivalence relations (V. Kanovei), and Ergodic theory (B. Weiss). Invited speakers include: S. Argyros, I. Farah, M. Foreman, D. Fremlin, J. Moore, E. Odell, and D. Rudolph. The members of the Organizing Committee are: A. Kechris, S. Todorcevic, and J. Zapletal. For further information, visit http://www.math.ufl.edu/~jal/logicyear/str/.

• The Square of Opposition – International Congress. June 1–3, 2007, Montreux, Switzerland. The square of opposition is a famous theme related to Aristotelian logic dealing with the notions of opposition, negation, quantification, and proposition. During the twentieth century interest in this topic has extended into many areas. This interdisciplinary event will bring together people from various fields, including: logic, philosophy, mathematics, psychology, linguistics, anthropology, and semiotics. Invited speakers include: V. Bazhanov, S. Beller, J.-Y. Beziau, I. Bianchi, P. Engel, L. Horn, S. Kripke, A. Moretti, T. Parsons, U. Savardi, P. Seuren, H. Smessaert, and J. Woleński. For more information, visit http://www.square-of-opposition.org/.

• SIGMOD/PODS 2007. June 11–14, 2007, Beijing, China. This event combines the annual A.C.M. Symposium on Principles of Database Systems (PODS) and the A.C.M. Special Interest Group on Management of Data (SIGMOD) conference. The Chair of the PODS Program Committee is L. Libkin and the Chair of the SIGMOD Program Committee is B.C. Ooi. For more information, visit http://sigmod07.riit.tsinghua.edu.cn.

• Carnegie Mellon Summer School in Logic and Formal Epistemology. June 11–29, 2007, Pittsburgh, Pennsylvania. This is a three-week summer school for promising undergraduates in philosophy, mathematics, computer science, linguistics, and other sciences. The school is free; full tuition and dormitory accommodations

Calendar of other meetings continued on reverse side
are provided at no charge. Applications must be received by March 15, 2007. For further information, visit http://www.phil.cmu.edu/summerschool/.

• **Order, Algebra, and Logics. June 12–16, 2007, Nashville, Tennessee.** Recent years have witnessed increased research activity on the interface between logic and universal algebra. In particular, the use of algebraic methods has proved fruitful in the study of non-classical logics such as modal logic and substructural logics, and ordered structures play a central role in this relationship. This conference aims to bring together researchers from all these fields to foster collaboration and further research. The Chair of the Program Committee is Y. Venema, and the Co-chairs of the Organizing Committee are R. McKenzie and C. Tsinakis. For further information, visit www.math.vanderbilt.edu/~oal2007.

• **Federated Conference on Rewriting, Deduction, and Programming (RDP 2007). June 25–29, 2007, Paris, France.** This event consists of two main colocated conferences, Rewriting Techniques and Applications (RTA’07) and Typed Lambda Calculi and Applications (TLCA’07), and several workshops. The meeting also includes a colloquium in honor of Guiseppe Longo, entitled “From Type Theory to Morphologic Complexity.” The invited speakers for RTA’07 include X. Leroy, R. Nieuwenhuis, and F. Pfenning (joint with TLCA’07). The invited speakers for TLCA’07, in addition to Pfenning, are P. Baillot, G. Morrisett, and, in a session to celebrate the seventy-fifth anniversary of the lambda calculus, H. Barendregt. The Chair of the Program Committee for RTA’07 is F. Baader, and the Chair of the Program Committee for TLCA’07 is S. Ronchi Della Rocca. For further information, visit http://www.lsv.ens-cachan.fr/rdp07/.

• **Fourteenth International Symposium on Temporal Representation and Reasoning (TIME 2007). June 28–30, 2007, Alicante, Spain.** This meeting, organized within the annual TIME series (see http://time.dico.unimi.it), brings together researchers from distinct areas involving representation of, and reasoning about, temporal phenomena. The main tracks of the symposium are: Temporal Representation/Reasoning in AI and Linguistics, Time Management in Databases, and Temporal Logic in Computer Science. The General Chair is C. Dixon and the Program Chairs are V. Goranko and X.S. Wang. The Local Organization Chairs are R. Munoz, P.M. Barco, and E. Saquete. For more information visit http://gplsi.dlsi.ua.es/congresos/time07/.

• **2007 International Colloquium on Automata, Languages and Programming (ICALP 2007). July 9–13, 2007, Wroclaw, Poland.** This event is the main conference and annual meeting of the European Association for Theoretical Computer Science. It will be co-located with the 2007 ASL European Summer Meeting (Logic Colloquium 2007; see above and http://www.aslonline.org) and with the Twenty-second Annual IEEE Symposium on Logic In Computer Science (LICS 2007; see above and http://www2.informatik.hu-berlin.de/lics/lics07/). For further information, visit http://www.eatcs.org/.

• **Nineteenth European Summer School in Logic, Language and Information (ESSLLI-2007). August 6–17, 2007, Dublin, Ireland.** 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-2007 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For more information about ESSLLI-2007, visit http://folli.loria.fr/esslliyear.php?2007; for further information about FoLLI, see http://www.folli.org.

• **Thirteenth International Congress of Logic, Methodology and Philosophy of Science. August 9–15, 2007, Beijing, China.** This event, held every four years, is the main international conference organized by the Division of Logic, Methodology and Philosophy of Science (DLMPS) of the International Union of History and Philosophy of Science (IUHPS). The program is divided into sections under the headings of Logic, General Philosophy of Science, Philosophical Issues of Particular Sciences, and Science and Society. The deadline for submission of contributed papers is March 10, 2007. For more information, visit http://www.clmmps2007.org.

The next Newsletter will be mailed in April, 2007. Items to be included should reach the Secretary-Treasurer before March 15, 2007.

Submitted by Charles Steinhorn, Secretary-Treasurer.