



## ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER

SEPTEMBER 2003

- **In Memoriam: Jean E. Rubin.** Professor Jean E. Rubin died on Oct. 25, 2002 in Lafayette, Indiana. Born on October 29, 1926 in New York City, she had lived in West Lafayette since joining the Purdue Mathematics Department in 1967. She received a B.S. from Queen's College in New York City in 1948, an M.A. from Columbia in 1949, and a Ph.D. from Stanford in 1955. She taught at Oregon and Michigan State before going to Purdue.

Rubin was the author of more than forty papers and five books in set theory and questions related to the axiom of choice. She supervised two Ph.D. students, Judith M. Harper and Nicholas Backscheider. Rubin worked with a number of collaborators, including her husband, Herman, and her son, Arthur. A long and successful collaboration with Paul Howard dates back at least twenty-five years. Her three books, two jointly authored with Herman and the third with Paul Howard, have been standard references in the field.

- **The 2003 ASL Election.** At the end of this year the ASL will elect a President and Vice President, two members of the Executive Committee of the Council, and two members of the Council. All terms are for three years beginning January 1, 2004. The ballot will be sent to all ASL members with the November Newsletter. The 2003 Nominating Committee has nominated Alexander Kechris (Caltech) as President, Samuel R. Buss (UC San Diego) as Vice President, Albert Visser (Utrecht) and Alex J. Wilkie (Oxford) for the Executive Committee positions, and Michael A. Benedikt (Bell Labs) and Gerhard Jäger (Bern) for the Council positions. The Nominating Committee consisted of Martin Grohe, David Marker, Donald A. Martin (Chair), Yiannis Moschovakis, Charles Parsons, Wolfram Pohlers, Theodore Slaman, and Scott Weinstein.

Additional nominations may be made by petition signed by 10 or more ASL members; such petitions should be received by the ASL Secretary-Treasurer (email [asl@vassar.edu](mailto:asl@vassar.edu) or ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, N.Y. 12604, USA)) no later than November 15, 2003. In a contested election, each candidate has the opportunity to make a 100-word statement to be distributed with the ballot.

- **2003 Karp Prize Awarded to Hjorth and Kechris.** The sixth Carol Karp Prize was awarded at the ASL Annual Meeting in June to Gregory Hjorth and Alexander Kechris for their recent work on Borel equivalence relations, in particular for their results on turbulence and countable Borel equivalence relations. The Karp Prize, established in 1973 in memory of Professor Carol Karp, is awarded every five years. The award is made by the Association, on recommendation of the ASL Committee on Prizes and Awards, for a "connected body of research, most of which has been completed in the time since the previous prize was awarded." The winners shared a \$5,000 cash award. A lecture on the work of the prize winners was delivered by S. Thomas at the award ceremony.
- **2003 Rolf Schock Prize Awarded to Feferman.** The Royal Swedish Academy of Sciences has announced that the 2003 Rolf Schock Prize in Logic and Philosophy has been awarded to Solomon Feferman, Professor of Mathematics and Philosophy and Patrick Suppes Family Professor in the School of Humanities and Sciences at Stanford University, "for his works on the arithmetization of metamathematics, transfinite progressions of theories, and predicativity." Dr. Schock, who died in 1986, specified in his will that half of his estate should be used to fund four prizes in the fields of logic and philosophy, mathematics, the visual arts, and music. First awarded in 1993, the prizes are presented every two years at a joint ceremony. The 2003 Prizes carry an award of approximately \$50,000. For further information, visit [http://www.kva.se/KVA\\_Root/eng/awards/international/schock/](http://www.kva.se/KVA_Root/eng/awards/international/schock/).
- **Macintyre Awarded Polya Prize.** The London Mathematical Society has awarded its 2003 Polya Prize to Angus Macintyre. The Polya Prize is awarded two out of every three years in recognition of outstanding creativity

in, imaginative exposition of, or distinguished contribution to, mathematics within the United Kingdom. The citation reads: “Professor Angus Macintyre, FRS, of the University of Edinburgh, is awarded the Polya Prize for his widely influential contributions to model theory and its applications. Over the last thirty years he has found many new applications of model theory in algebra, geometry, number theory, asymptotics and theoretical computer science. His work established a theory of p-adic semi-algebraic sets, and has since been widely used in p-adic contexts, for example to prove a conjecture of Serre on the rationality of Poincaré series. His papers on totally transcendental fields and on algebraic groups created new paradigms for research in these areas. His work on the first-order content of Weil cohomology has opened up new possibilities for applying model theory in algebraic geometry.”

- **Call for Proposals: 2005 AMS-ASL Joint Special Session.** The ASL Committee on Meetings in North America requests proposals for an AMS-ASL Joint Special Session to be held at the Joint Mathematics Meetings in Atlanta, Georgia, January 5–8, 2005. Proposals and requests for additional information should be sent by email to the Committee Chair, Peter Cholak (email: [Peter.Cholak.1@nd.edu](mailto:Peter.Cholak.1@nd.edu)). The deadline for receipt of proposals is January 15, 2004.
- **Access to Current JSL and BSL for ASL Members via Project Euclid.** Through the end of 2003, the ASL is providing free electronic access to the full-text of current issues of *The Bulletin of Symbolic Logic* and *The Journal of Symbolic Logic* via Project Euclid. Individual ASL members will continue to have access in future years; instructions will be published in the Newsletter and the Notices section of *The Bulletin of Symbolic Logic*.
- **Kurt Gödel: Collected Works, Volumes IV and V.** The last two volumes of the collected works of Kurt Gödel, edited by Solomon Feferman, John W. Dawson, Warren Goldfarb, Charles Parsons, and Wilfrid Sieg, have now been published by Oxford University Press. ASL members are entitled to a 35% discount on all volumes. Visit <http://www.aslonline.org/books-godel.html> or contact the ASL Business Office for details. A flyer is enclosed in this Newsletter mailing.

#### ASL MEETINGS

- **Student Travel Awards: The 2004 ASL Annual Meeting, 2004 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 (for the European Summer Meeting only) to recent Ph.D.'s so that they may attend the 2004 ASL Annual Meeting in Pittsburgh, Pennsylvania, or the 2004 ASL European Summer Meeting in Torino, 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, 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 2004 ASL Annual Meeting, applications and recommendations should be received before the deadline of March 8, 2004, by the Program Chair: Sergei Artemov, Program in Comp. Sci., CUNY Graduate Ctr., 365 Fifth Ave. #4319, New York, NY 10016, USA; email: [SArtemov@gc.cuny.edu](mailto:SArtemov@gc.cuny.edu).

For the 2004 ASL European Summer Meeting, applications and recommendations should be received before the deadline of April 1, 2004, by the Organizing Committee: LC2004, Department of Mathematics, University

of Torino, via Carlo Alberto 10, 10123 Torino, Italy; email: [lc2004@unito.it](mailto:lc2004@unito.it).

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](mailto:asl@vassar.edu). Decisions will be communicated at least two months prior to the meeting.

- **2003-04 ASL Winter Meeting (with Joint Mathematics Meetings).** *January 9–10, 2004, Phoenix, Arizona.* This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 7–10, 2004. Invited speakers include: M. Foreman, S. Jackson, B. Kim, J. Knight, R. W. Knight, S. Lempp, Y. Peterzil, F. Point, L. Shulman, and S. Solecki. There will be an AMS-ASL Joint Special Session on Infinite Combinatorics and Inner Model Theory, organized by M. D. Foreman and M. Zeman. The members of the Program Committee are V. Harizanov, J. Steel, and C. Wood (Chair). A preregistration form and hotel information for this meeting are included in this Newsletter mailing.
- **2004 ASL Spring Meeting (with APA).** *April 22–25, 2004, Chicago, Illinois.* This meeting will be held jointly with the Annual Meeting of the Central Division of the American Philosophical Association. The program includes three invited sessions. The first, on Frege’s Logic, will be chaired by M. Kremer and includes the speakers W. Goldfarb and E. Reck, and the commentator, P. Sullivan. The session on The Philosophy of Proof Theory, chaired by T. Bays, includes the speakers J. Avigad and M. Detlefsen, and the commentator, W. Tait. The third session, on Category Theory and Structuralism, will be chaired by S. Awodey, and includes the speakers G. Hellman and C. McLarty, and the commentator, D. Scott. The Program Committee members for the ASL meeting are: S. Awodey, T. Bays, and M. Kremer (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 January 15, 2004, 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](mailto:asl@vassar.edu).
- **2004 ASL Annual Meeting.** *May 19–23, 2004, Carnegie Mellon University, Pittsburgh, Pennsylvania.* The members of the Program Committee are: S. Artemov (Chair), T. Bartoszyński, D. Hirschfeldt, M. C. Laskowski, and W. Sieg. The Local Organizing Committee members include J. Avigad (Chair), S. Awodey, L. Blum, J. Cummings, E. Schimmerling, and W. Sieg. The 2004 Mathematical Foundations of Programming Semantics (MFPS) Meeting, to begin on May 23, 2004, will co-locate with the ASL Annual Meeting. For more information about MFPS, visit <http://www.math.tulane.edu/MFPS.html>. 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 February 10, 2004, 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](mailto:asl@vassar.edu).
- **2004 ASL European Summer Meeting (Logic Colloquium ’04).** *July 25–31, 2004, Torino, Italy.* Invited speakers include: J. T. Baldwin, T. Bartoszyński, A. Berarducci, A. Marcone, G. Mints, M. Moellerfeld, F. Stephan, G. Sundholm, M. Valeriote, and H. Woodin. Tutorials will be offered by A. Kechris and S. Solecki (*Descriptive set theory, analysis and dynamical systems*), T. Scanlon (*Geometric stability theory*), R. Solomon (*Computable Algebra*), and R. Willard (*The past and the future of universal algebra*). Special sessions in proof theory, o-minimality, and universal algebra, and a panel discussion on philosophical and historical issues also will be held. The members of the Program Committee are: T. Arai, D. DeJongh, W. Goldfarb, G. Hjorth, S. Lempp, G. Lolli, D. Marker, D. Martin, R. McKenzie, W. Pohlers (Chair), W. Sieg, A. Sorbi, and A. Wilkie. The Local Organizing Committee includes: A. Andretta (Chair), S. Berardi, R. Camerlo, U. De Liguoro, M. Dezani, A. Marcone, N. Olivetti, and D. Zambella. 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 16, 2004 at the official meeting address: LC2004, Department of Mathematics, University of Torino, via Carlo Alberto 10, 10123 Torino, Italy; email: [lc2004@unito.it](mailto:lc2004@unito.it). For further information visit <http://lc2004.unito.it>.

- **2005 ASL Annual Meeting.** *March 19–22, 2005, Stanford, California.* The members of the Local Organizing Committee include: A. Arana, S. Feferman, G. Mints, J. Mitchell, and R. Sommer.
- **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](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.

#### ASL SPONSORED MEETINGS

- **Latin American Symposium on Mathematical Logic (XIIth SLALM).** *January 12-16, 2004, Universidad de Costa Rica, San José, Costa Rica.* Topics include: algebraic logic, history and philosophy of logic, model theory, philosophical logic, proof theory, recursion theory and algorithm complexity, and set theory. Invited speakers include: J. Bagaria, S. Buss, L. van den Dries, E. G. K. López Escobar, I. Nemeti, A. Prestel, S. Todorcevic, J. Väänänen, and A. Villaveces. The Program Committee members are: X. Caicedo, C. Di Prisco, J. I. Guier, R. Lewin, E. G. K. López Escobar, F. Miraglia, and M. Sagastume. The Organizing Committee consists of E. Chinchilla, M. Freund, J. I. Guier, and B. Montero. As in previous symposia, a School in Mathematical Logic will precede the symposium on January 7–10, and offer the following short courses: Teoría de Modelos y Formas cuadráticas (M. Dickmann), Teoría de la Complejidad para Cálculo Numérico (F. Cucker), an Introduction to Determinacy (I. Neeman), and an Introduction to Proof Theory (L. C. Pereira). For further information, visit <http://www.vinv.ucr.ac.cr/slalm04/>.
- **2004 Australasian Association for Logic Meeting.** *January 17–18, 2004, Dunedin, New Zealand.* The principal organizer of this conference is H. van Ditmarsch (email: [hans@cs.otago.ac.nz](mailto:hans@cs.otago.ac.nz)). The meeting will be held immediately prior to the Australasian Computer Science Week 2004 (ACSW 2004, January 18-22, 2004), which also will take place in Dunedin. For further information, visit <http://www.cs.otago.ac.nz/aal/>.
- **Third International Symposium on Foundations of Information and Knowledge Systems (FoIKS 2004).** *February 17 - 20, 2004, Vienna, Austria.* The goal of the FoIKS symposia, which take place once every two years, is to bring together researchers working on the theoretical foundations of information and knowledge systems and to attract researchers working in mathematical fields such as discrete mathematics, combinatorics, logics, and finite model theory, who are interested in applying their theories to research on database and knowledge base theory. The Co-chairs of the Program Committee are D. Seipel and J.-M. Turull-Torres. T. Eiter is in charge of local organization. For further information, visit <http://foiks.massey.ac.nz/foiks04/>.

#### OTHER ANNOUNCEMENTS (Also see <http://www.aslonline.org>.)

- **Junior Position in Logic at Université Paris 7.** A junior position (Maitre de Conférences) in logic is expected to be available at Université Paris 7, starting in the fall 2004. Specific details will be advertised on <http://www.logique.jussieu.fr/position.html> as soon as they become available.  
All applications are welcome. Applicants should demonstrate the ability to teach courses in French, and have obtained a doctoral degree in Mathematics before December 26, 2003.  
Before being able to apply for a French position, one must have approval from the French administration and obtain a “qualification.” Details on how to obtain this qualification will be posted on the website above. Please note that this initial step must be completed before October 20, 2003.
- **Call for Papers: Special Issue of Theory and Practice of Logic Programming.** The journal *Theory and Practice of Logic Programming* (TPLP) is planning a special issue on multiparadigm languages and constraint programming, to appear in 2005. The guest editors are M. Falaschi and M. Maher. The deadline for submissions is December 15, 2003. For more information, visit <http://www.dimi.uniud.it/~wflp2002/tplp/>.

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NEW BOOKS (Also see <http://www.aslonline.org>.)

- **Modal Logic.** Author: P. Blackburn, M. de Rijke, and Y. Venema (Cambridge University Press, 2002 0-521-52714-7 (paperback)), <http://books.cambridge.org/0521527147.htm>.
- **Computability and Models: Perspectives East and West.** Editors: S. B. Cooper and S. S. Goncharov (Kluwer Academic/Plenum Publishers, 2002, ISBN 0-306-47400-X (hardcover)), <http://www.wkap.nl/prod/b/0-306-47400-X>.

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

- **Thirteenth International Conference on Inductive Logic Programming (ILP 2003).** *September 29–October 1, 2003, Szeged, Hungary.* Invited speakers include R. King and J. Lloyd. This meeting is co-located with the Kalmar Workshop on Logic and Computer Science (see below). For further information, visit <http://www.rgai.hu/ilp2003/index.html>.
- **Kalmar Workshop on Logic and Computer Science.** *October 1–2, 2003, Szeged, Hungary.* Laszlo Kalmar (1905–1976) was a pioneer in mathematical logic and computer science. The objective of the workshop is to commemorate his work, and to present recent research results in the broad area of logic and computer science. Invited speakers include: E. Graedel, A. Hajnal, J. Lloyd, and G. Proszeky. The Thirteenth International Conference on Inductive Logic Programming (ILP 2003), see above, is co-located with the workshop. For further information, visit <http://www.rgai.hu/kalmar2003>.
- **Mid-Atlantic Mathematical Logic Seminar (MAMLS) Meeting in honor of James Baumgartner's 60th Birthday.** *October 4–5, 2003, Dartmouth College, Hanover, New Hampshire.* Invited speakers include: J. Cummings, M. Foreman, F. Galvin, A. Hajnal, J. Henle, A. Jones, I. Juhasz, J. Larson, R. Laver, S. Shelah, A. Taylor, S. Todorcevic, D. Velleman, and S. Wagon. For further information, visit either <http://maml.org>, or <http://www.math.dartmouth.edu/baumgartnermeeting>.
- **Fifth International Tbilisi Symposium on Language, Logic and Computation.** *October 6–10, 2003, Tbilisi, Georgia.* The symposium is organized by the Center for Language, Logic and Speech of the Tbilisi State University, in conjunction with the Institute for Logic, Language and Computation (ILLC) of the University of Amsterdam. Tutorials will be offered by: E. Engdahl (general linguistics), C. Gardent (computational linguistics), and W. Hodges (logic). Invited plenary speakers include: J. Allwood, J. Apresjan, M. Baaz, L. Beklemishev, C. Féry, J. Ginzburg, R. Iemhoff, F. Kamareddine, I. Melchuk, B. Partee, C. Stirling, H. de Swart, E. Vallduví, A. Voronkov, A. Zanardo, and E. Zimmermann. For more information, visit <http://www.ilic.uva.nl/Tbilisi/>.
- **Workshop and Conference on Logic, Algebra, and Arithmetic.** *October 18–22, 2003, Tehran, Iran.* This event, held under the auspices of the Institute for Studies in Theoretical Physics and Mathematics, will focus on mathematical logic and its applications in algebra and arithmetic. Invited speakers include: L. van den Dries, A. Enayat, Y. Ershov, I. Kalantari, F.-V. Kuhlman, S. Kuhlman, A. Macintyre, A. Pillay, and A. Visser. The Organizing Committee members are: S. M. Bagheri, A. Enayat, I. Kalantari, M. J. A. Larijani, Moj. Moniri, Mor. Moniri (Coordinator), and M. Pourmahdian. For further information, visit <http://www.ipm.ac.ir/logic2003>.
- **Takeuti Symposium: Symposium on Mathematical Logic '03.** *December 17–19, 2003, Kobe, Japan.* The Symposium on Mathematical Logic is a series of meetings on mathematical logic in a broad sense, supported by the Division of Mathematical Logic of the Mathematical Society of Japan. This year's symposium will be held in honor of fifty years of Takeuti's Conjecture and Gaisi Takeuti's 77th birthday (the Age of Joy, in Japanese tradition). The provisional list of invited speakers includes: G. Takeuti, M. Yasugi, and M. Yasumoto. Contributed talks are invited in all areas of mathematical logic. The members of the Program Committee are: T. Arai, J. Brendle, Y. Kakuda (Co-chair), M. Okada, and H. Ono (Co-chair) For further information, visit <http://kurt.scitec.kobe-u.ac.jp/sml03/>.

CALENDAR OF OTHER MEETINGS (continued)

- **New Zealand Mathematics Research Institute (NZMRI) 2004 Summer Workshop.** *January 3–10, 2004, Nelson, New Zealand.* The theme of this event is computational algebra, number theory, and geometry. For further information, visit <http://www.math.auckland.ac.nz/Conferences/2004/NZMRI/>.
- **Fourth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA IV).** *January 6–7, 2004, Fort Lauderdale, Florida.* Multi-agent Systems are communities of problem-solving entities that can perceive and act upon their environments to achieve their individual goals as well as joint goals. The work on such systems integrates many technologies and concepts in artificial intelligence and other areas of computing. A full spectrum of applications have been and are being developed. Although commonly implemented by means of imperative languages, mainly for reasons of efficiency, the agent concept has recently increased its influence in the research and development of computational logic based systems. This meeting is co-located with the International Congress on Logic Programming and Nonmonotonic Reasoning (LPNMR-7; see below) and the Eighth International Symposium on Artificial Intelligence (AIMATH). For further information, visit <http://centria.di.fct.unl.pt/~jleite/climaIV/index.htm>.
- **International Congress on Logic Programming and Nonmonotonic Reasoning (LPNMR-7).** *January 6–8, 2004, Ft. Lauderdale, Florida.* This event is intended to facilitate interactions between researchers interested in the design and implementation of declarative logic programming languages and those who work in the areas of knowledge representation and nonmonotonic reasoning. The Program Committee Co-chairs are V. Lifschitz and I. Niemela. This meeting is co-located with the Fourth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA IV; see above) and the Eighth International Symposium on Artificial Intelligence (AIMATH). For further information, visit <http://www.tcs.hut.fi/Conf/lpnmr-7/>.
- **NZIMA Logic and Computation Workshop.** *January 11–16, 2004, Nelson, New Zealand.* Directly following the NZMRI 2004 Summer Workshop (see above), this event is part of the Logic and Computation Program funded by the New Zealand Institute of Mathematics and its Applications (NZIMA). Invited speakers include: S. Goncharov, I. Hodkinson, C. Jockusch, B. Khoussainov, D. Kozen, S. Lempp, and J. Miller. For further information, visit <http://www.cllc.vuw.ac.nz/LandC.shtml>.
- **Australasian Computer Science Week.** *January 18–22, 2004, Dunedin, New Zealand.* Australasian Computer Science Week is an international multi-conference event for computer science researchers. It is an annual event held in Australia and New Zealand that is sponsored by the Computer Science Association of Australasia. For further information, visit <http://www.cs.otago.ac.nz/acsw/>.
- **Victoria International Conference 2004.** *February 9–13, 2004, Wellington, New Zealand.* This event, hosted by Victoria University, is held in cooperation with the Israel Mathematical Union, the New Zealand Mathematical Society, and the New Zealand Institute of Mathematics and its Applications (NZIMA). The meeting will have several themes, but the program is being developed especially in conjunction with the six month Logic and Computation program of the NZIMA. Plenary speakers include: R. Downey, V. Jones, J. Makowsky, R. McLachlan, V. Palamodov, A. Nies, R. Raz, and H. Woodin. There also will be a special session in computational complexity. For further information, visit <http://www.mcs.vuw.ac.nz/~mathmeet>.
- **European Joint Conferences on Theory and Practice of Software (ETAPS 2004).** *March 27–April 4, 2004, Barcelona, Spain.* 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. The submission deadline for the main conferences and tutorials is October 17, 2003. For further information, visit <http://www.lsi.upc.es/etaps04>.

The next Newsletter will be mailed in November, 2003. Items to be included should reach the Secretary-Treasurer before October 31, 2003.

Submitted by Charles Steinhorn, Secretary-Treasurer.