Association for Symbolic Logic

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ASL NEWSLETTER NOVEMBER 2003

- **The 2003 ASL Election.** Enclosed with this Newsletter is the ballot for the 2003 election for the ASL 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 Nominating Committee consisted of Martin Grohe, David Marker, Donald A. Martin (Chair), Yiannis Moschovakis, Charles Parsons, Wolfram Pohlers, Theodore Slaman, and Scott Weinstein. To be counted, ballots must be postmarked **no later than December 31, 2003**. All ASL members are urged to vote.

- **Reduced Dues for Individuals and Institutions in Developing Economies.** The ASL recently approved a program to offer reduced dues for individual and institutional members in developing economies. For 2004, the reduced dues are \$18 for individuals and \$130 for institutional members. These dues apply to individuals and institutions in countries whose economies are classified as 'lower middle income' or below on the World Bank's annual list. For further information, 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`.

- **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 be sent by email to the Committee Chair, Peter Cholak (email: `Peter.Cholak.1@nd.edu`). The deadline for receipt of proposals is January 15, 2004.

- **Herbrand Award Presented to Andrews.** Peter B. Andrews, Professor of Mathematics at Carnegie Mellon University, received the Herbrand Award at the the nineteenth International Conference on Automated Deduction (CADE) on August 1, 2003. The Herbrand award is given by CADE Inc. to honor a person or group for exceptional contributions to the field of automated deduction. The award cited Andrews for "his seminal contributions and pioneering research in type theory, mating-based theorem proving, automated deduction in higher-order logic, proof presentation, logic education and his many other contributions to the field of automated reasoning."

- **Access to Current JSL and BSL for ASL Members via Project Euclid.** Access to the full-text of current issues of *The Bulletin of Symbolic Logic* and *The Journal of Symbolic Logic* will be available to all ASL members electronically via Project Euclid, beginning January 2004. Individual members who wish to gain access should follow these instructions: (1) Go to `http://projecteuclid.org`; (2) In the 'for subscribers' tab, click on 'Log in for Existing Subscribers'; (3) Click on "create a profile here" in the center of the login page; (4) Fill in at least the required fields (those in red) in the top half of the form, setting Euclid ID and Password to anything you wish, but remember these for future logins; (5) Go to the bottom half of the form ("Personal Subscription Registration"); (6) Select the *Bulletin of Symbolic Logic* and the *Journal of Symbolic Logic*, and for each enter your individual membership ID number (you will find this number on your journal mailing label, near the barcode); (7) At the bottom of the form, click the 'Create Profile' button, at which point users should then see a confirmation screen and should have access to full-content of the BSL and JSL. If you need help obtaining your membership ID number, contact Paul Arroyo of the University of Illinois Press at `parroyo@uillinois.edu`. If you have any trouble using the Personal Subscription Registration form, please contact `Euclid-L@cornell.edu`.

- **JSTOR Access for ASL Members.** Access to the full-text of *The Bulletin of Symbolic Logic* for the years 1995–2002 has been made available to all ASL members via JSTOR. Access to *The Journal of Symbolic Logic* for the years 1936–1997 continues to be available. If you already have obtained a JSTOR account for the *Journal*, you now have access to the *Bulletin* via the same account. To obtain your temporary username and password for accessing the *Bulletin* and the *Journal*, or if you have misplaced your account information, contact Paul Arroyo of the University of Illinois Press at `parroyo@uillinois.edu`. To register your account, go to `http://www.jstor.org/logon` and enter your temporary username and password. If you need help registering, download the Individual Access Logon handout at `http://www.jstor.org/about/indiv_support/` or contact JSTOR at `jstor-info@umich.edu`.
- **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.
- **Perspectives in Mathematical Logic Volumes Available.** This series is now being published by the Association for Symbolic Logic, under the new name *Perspectives in Logic*. Owing to the generosity of Springer-Verlag, the former publisher of the series, the ASL has made the existing stock of certain books in the series available to the logic community at low prices, as has been done with the *Lecture Notes in Logic*. (Some books in the series will continue to be made available by Springer-Verlag and others will be reprinted by ASL.) An order form for the volumes sold by the ASL can be found online at `http://www.aslonline.org/files/Perspectivesorderform.pdf`. This form also can be obtained by writing to the ASL Business Office.

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`.

  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`.

  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.

- **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. Schulman, and S. Solecki. The members of the Program Committee are V. Harizanov, J. Steel, and C. Wood (Chair). The program for this meeting is enclosed in this Newsletter mailing.

  There also will be an AMS-ASL Joint Special Session on Infinite Combinatorics and Inner Model Theory, organized by M. D. Foreman and M. Zeman. Three AMS Special Sessions may be of interest to logicians as well: Arithmetical Algebraic Geometry, organized by K. Joshi, M. Kim, and A. Vasiu, Nonstandard Methods, organized by M. Insall, P. A. Loeb, and D. A. Ross, and The Many Lives of Lattice Theory and the Theory of Ordered Sets, with Connections to Combinatorics, organized by J. D. Farley and S. E. Schmidt.

  The website for the Joint Mathematics Meetings, which includes registration and housing information, is at http://www.ams.org/amsmtgs/2078_intro.html.

- **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.

- **2004 ASL Annual Meeting.** *May 19–23, 2004, Carnegie Mellon University, Pittsburgh, Pennsylvania.* Invited speakers include: J. Baldwin, L. Beklemishev, M. Hallett, V. Harizanov, S. Jackson, K. Kunen, A. Macintyre, P. Maddy, J. Miller, M. Rathjen, and P. Vitanyi. The Fifteenth Annual Gödel Lecture will be delivered, and special lectures will be given by B. Howard and J. McCarthy. Tutorials will be offered by J. Avigad and T. Pitassi. There also will be special sessions, with organizers in parentheses, on Gödel and mathematical logic in the twentieth century (the editors of Gödel's *Collected Works*), logic and games (R. Parikh), and set theory (E. Schimmerling and J. Cummings). 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.

  This year, the 2004 Mathematical Foundations of Programming Semantics (MFPS) Meeting, to begin on May 23, 2004, will co-locate with the ASL Annual Meeting. Several joint activities are planned, including a special lecture by D. Scott, a panel discussion on mathematical logic in computer science education, organized by J. Hirst, and a special session on the logical foundations of programming semantics, organized by S. Awodey. 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.

- **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 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`. 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`. 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`). 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 biennial FoIKS symposia 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/`.

NEW BOOK (Also see `http://www.aslonline.org`.)

- **Many-Dimensional Modal Logics: Theory and Applications.** Authors: D. Gabbay, A. Kurucz, F. Wolter, and M. Zakharyaschev (Studies in Logic and the Foundations of Mathematics, 148, Elsevier, North-Holland, 2003, ISBN:0-444-50826-0), `http://www.elsevier.com/inca/publications/store/6/8/0/8/3/9/index.htt`.

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

- **Indiana University Bloomington School of Informatics Tenure-track Faculty Positions.** The School of Informatics at Indiana University Bloomington seeks candidates for tenure-track positions at all ranks in the mathematical foundations of informatics. Areas of possible interest include applied logic, information theory, mathematics in AI, non-standard models of computation, computational economics, probabilistic models in expert systems, and statistical informatics.

  Candidates whose interests integrate several aspects of mathematics in informatics will be considered especially interesting, as will candidates whose interests complement the school's existing strengths. The School has strong ties to other programs and research centers at the University; joint appointments may be possible. Applications from small research teams who wish to collaborate with one another at the School of Informatics are especially encouraged. Review of applications will begin immediately; the search will remain open until the positions are filled. For further information, visit http://informatics.indiana.edu/positions/faculty/.

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

- **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, 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 invited speakers provisionally include: G. Takeuti, M. Yasugi, and M. Yasumoto. 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/.
- **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. 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 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 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.
- **Symposium in honor of Solomon Feferman.** *January 17–18, 2004, Stanford, California.* This event is held in honor of Solomon Feferman on the occasion of his retirement. Invited speakers include: J. Etchemendy, D.

Føllesdal, T. Hofweber, P. Mancosu, I. Mason, G. Mints, M. Rathjen, D. Scott, W. Sieg, R. Sommer, and C. Talcott. The members of the Program Committee are: D. Føllesdal, G. Mints (Chair), and R. Sommer. For further information, visit `http://www.stanford.edu/~sommer/Feferman04.html`.

- **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. For further information, visit `http://www.lsi.upc.es/etaps04`.

- **Fifth International Workshop on Rewriting Logic and its Applications (WRLA 2004).** *March 27–28, 2004, Barcelona, Spain.* Rewriting logic is a natural model of computation and an expressive semantic framework for concurrency, parallelism, communication and interaction. It can be used for specifying a wide range of systems and languages. It also has good properties as a metalogical framework for representing logics. The workshop will be held in conjunction with ETAPS 2004. For further information, visit `http://www.fdi.ucm.es/wrla2004`.

- **Seventh International Symposium on Functional and Logic Programming (FLOPS 2004).** *April 7–9, 2004, Nara, Japan.* This event is a forum for research on all issues concerning functional programming and logic programming. Invited speakers include: M. Hagiya, C. Schuermann, and P. Selinger. For further information, visit `http://logic.is.tsukuba.ac.jp/FLOPS2004/`.

- **Nineteenth Annual IEEE Symposium on Logic in Computer Science (LICS 2004).** *July 14–17, 2004, Turku, Finland.* 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 2004 will be held in conjunction with the thirty-first International Colloquium on Automata, Languages, and Programming (ICALP 2004). The LICS Program Chair is H. Ganzinger (email: `hg@mpi-sb.mpg.de`). Workshops are planned for July 12–13 and July 18. The deadline for submission of titles and short abstracts is January 26, 2004; for extended abstracts the deadline is February 2, 2004. For further information about LICS, visit `http://www.lfcs.informatics.ed.ac.uk/lics`; for additional information about ICALP, see `http://www.math.utu.fi/ICALP04/WScall.html`.

- **Sixteenth European Summer School in Logic, Language and Information (ESSLLI-2004).** *August 9–21, 2004, Nancy, France.* The main focus of the European Summer Schools in Logic, Language and Information is 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-2004 is organized under the auspices of the European Association for Logic, Language and Information (FoLLI). For further information about ESSLLI-2004, visit `http://www.esslli.org/2004`; for further information about FoLLI, see `http://www.folli.org`.

The next Newsletter will be mailed in January, 2004. Items to be included should reach the Secretary-Treasurer before January 15, 2004.

Submitted by Charles Steinhorn, Secretary-Treasurer.