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NOTICES

- THE 2001 ASL ELECTION. The ASL membership has elected Charlies I. Steinhorn (Vassar) as Secretary-Treasurer, Paul C. Eklof (UC Irvine) and Theodore A. Slaman (UC Berkeley) to the Executive Committee, and Zoé Chatzidakis (Paris VII) and Toniann Pitassi (Toronto) to the Council. Their terms of office are for three years beginning January 1, 2002. The Nominating Committee consisted of John Burgess, Chi Tat Chong, Neil Immerman, Julia Knight, Peter Koepke, Dirk van Dalen, and Carol Wood (Chair).
- THE 2001 SACKS PRIZE AWARD TO M. ASCHENBRENNER. The ASL Committee on Prizes and Awards has selected Matthias Aschenbrenner of the University of California, Berkeley as the recipient of the 2001 Sacks Prize. Aschenbrenner received his Ph.D. in 2001 from the University of Illinois at Urbana-Champaign, under the direction of Lou van den Dries. His thesis solves a long-standing problem concerning the complexity of the ideal membership problem in the polynomial ring over the integers. Aschenbrenner shows that the complexity of this problem is doubly exponential in the number of variables, which is optimal since single exponential complexity was known to be impossible. The prize consists of a cash award plus five years free membership in the ASL.
- BOOK DISCOUNTS FOR ASL MEMBERS. Several publishers now offer discounts on books to ASL members. For a detailed description of these discounts, visit `http://www.aslonline.org/books-discounts.html` on the ASL website, or write to the ASL Business Office.
- 2002 ASL EUROPEAN SUMMER MEETING (LOGIC COLLOQUIUM '02). *August 3–9, 2002, Münster, Germany.* Invited speakers include J. Avigad, A. Beckmann, T. Carlson, R. Constable, K. Dosen, M. Gitik, V. Halbach, B. Khoussainov, S. Lempp, T. Pitassi, T. Scanlon, R. Schindler, P. Speissegger, and K. Tent. Tutorials will be offered by L. Beklemishev, S. Cook, O. Lessmann, and S. Thomas. Special sessions in computability theory, non-monotonic logic, and set theory also are planned. The members of the Program Committee are K. Ambos-Spies, S. Buss, Z. Chatzidakis, A. Kechris (Chair), P. Koepke, P. Komjath, M. Lerman, V. McGee, W. Pohlers, M. Rathjen, K. Segerberg, and B. Zilber. The members of the Organizing Committee are M. Burghardt, J. Diller, P. Koepke, B. Löwe, M. Möllerfeld, W. Pohlers (Chair), and A. Weiermann. A satellite meeting, Colloquium Logicum 2002, organized by the Deutsche Vereinigung für Mathematische Logik und für Grundlagen der Exakten Wissenschaften, will take place on August 9-11; see below or visit `http://www.math.uni-muenster.de/LC2002/CL2002.html` for details. Further information about LC 2002 may be obtained by visiting `http://www.math.uni-muenster.de/LC2002`.
- 2002-03 ASL WINTER MEETING (WITH APA). *December 27–30, 2002, Philadelphia, Pennsylvania.* The members of the Program Committee are J. Burgess, B. Ewald, and S. Weinstein (Chair).
- 2002-03 ASL WINTER MEETING (WITH JOINT MATHEMATICS MEETINGS). *January 17–18, 2003, Baltimore, Maryland.* This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 15–18, 2003. The Chair of the Program Committee is H. Becker.
- 2003 ASL ANNUAL MEETING. *June 1–4, 2003, University of Illinois at Chicago, Chicago, Illinois.* The Chair of the Program Committee is A. Blass. The members of the Local Organizing Committee are: W. Blok, B. Hart (Chair), B. Howard, and D. Marker.

- 2003 ASL European Summer Meeting (Logic Colloquium '03). *August 14–20, 2003, Helsinki, Finland.* The members of the Program Committee include P. Aczel, Z. Adamowicz, J. Baldwin, E. Bouscaren, M. Detlefsen, M. Gitik, L. Hella, T. Jech, R. Parikh, H. Schwichtenberg, T. Slaman, V. Stoltenberg-Hansen (Chair), and J. Väänänen. The Local Organizing Committee members are T. Huuskonen, T. Hyttinen, J. Kennedy, K. Luosto, J. Oikkonen, J. Väänänen (Chair), and P. Vaisanen.
- 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/Meetings.htm`. 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.
- North American Summer School in Logic, Language, and Information (NASSLLI-2002). *June 24–30, 2002, Stanford, California.* NASSLLI is intended as a North American sister event of the annual European Summer School in Logic, Language, and Information (ESSLLI). The conception and the structure of this event will be similar to that of its European counterpart. NASSLLI will be held in conjunction with the yearly Logic, Language, and Computation workshop organized by CSLI at Stanford University. For further information, contact D. Sarenac (email: `sarenac@stanford.edu`) or visit `http://www.stanford.edu/group/nasslli/`. (ASL sponsored meeting.)
- Seventeenth Annual IEEE Symposium on Logic in Computer Science (LICS). *July 22–25, 2002, Copenhagen, Denmark.* This conference is part of the 2002 Federated Logic Conference (FLoC'02, see below). The Program Chair is G. Plotkin (email: `gdp@dcs.ed.ac.uk`), and the Local Arrangements Chair is U. Kohlenbach (email: `kohlenb@brics.dk`). For further information on LICS 2002, visit `http://www.lfcs.informatics.ed.ac.uk/lics`. (ASL sponsored meeting.)
- International Workshop on Linear Logic (LL2002). *July 25–26, 2002, Copenhagen, Denmark.* Since the invention of linear logic by Girard in 1986, the subject has shown up in various fields and notably in the denotational semantics of programming languages. The most recent international workshop on linear logic was held in 1998, and the time is now ripe for another meeting. This is an official affiliated workshop of LICS 2002 (see above). The workshop organizers are S. Abramsky (email: `Samson.Abramsky@comlab.ox.ac.uk`), L. Regnier(email: `regnier@iml.univ-mrs.fr`), and A. Scedrov (email: `scedrov@cis.upenn.edu`). For further information, contact any one of the organizers or visit `http://floc02.diku.dk/LL/`. (ASL sponsored meeting.)
- Ninth Workshop on Logic, Language, Information and Computation (WoLLIC'2002). *July 30–August 2, 2002, Rio de Janeiro, Brazil.* Invited speakers include: R. Bianconi, E. Graedel, G. Nadathur, R. Parikh, N. Portier, and I. Walukiewicz. The members of the Program Committee are: M. Ayala-Rincón, M. Benevides, A. Dawar, P. de Groote, R. Maddux, T. Pitassi, B. Poizat, A. Policriti, and G. Winskel. The Co-Chairs of the Organizing Committee are L. C. Pereira and R. de Queiroz. For further information, visit `http://www.cin.ufpe.br/~wollic/wollic2002/`. (ASL sponsored meeting.)
- Eighth Asian Logic Conference. *August 29–September 2, 2002, Chong Qing, China.* Invited speakers include: R. Goldblatt, S. Goncharov, M. Hamano, R. Jensen, B. Khoussainov, A. Li, K. Su, K. Weihrauch, A. Yamamoto, M.-S. Ying, and Y. Yue The members of the Program Committee are: C. T. Chong, J. N. Crossley, D.-C. Ding, R. G. Downey, Q. Feng, W. Li, H. Ono, Y.-H. Qiu, S.-P. Tong, and M. Yasugi. For further information, visit `http://cyber.swnu.edu.cn/computer/satellite/`. (ASL sponsored meeting.)

- Bounded Arithmetic and Complexity Classes. *June 28–29, 2002, Lisbon, Portugal.* The invited speakers include: J. Avigad, M. Hoffman, U. Kohlenbach, J. Krajíček, and T. Strahm. For further information, contact F. Ferreira by email at `ferferr@cii.fc.ul.pt` or visit `http://alf1.cii.fc.ul.pt/~ferferr/bscc.html`.

- Ninth International Symposium on Temporal Representation and Reasoning (TIME-2002). *July 7–9, 2002, Manchester, England.* This symposium brings together active researchers from distinct areas involving representation of, or reasoning with, time. One of the main goals will be to bridge the gap between theoretical and applied research in temporal representation and reasoning. There are three tracks in the symposium: Temporal Representation and Reasoning in AI, Time Management in Databases, and Temporal Logic in Computer Science. The General Chairs of the symposium are C. Bettini and A. Montanari; the Co-Chairs of the Program Committee are A. Artale and M. Fisher; and the Co-Chairs of the Organization Committee are C. Dixon and E. Franconi. For further information, visit `http://www.cs.man.ac.uk/img/TIME-2002`.

- Sixth International Conference on Mathematics of Program Construction (MPC'02). *July 8–10, 2002, Dagstuhl, Germany.* This meeting aims to promote the development of mathematical principles and techniques that are useful and usable in the process of constructing computer programs. Its focus is on techniques that combine precision with conciseness, enabling programs to be constructed by formal calculation. The invited speakers include R. Giegerich, D. Kozen, and J. Wing. MCP'02 is co-located with the IFIP TC2 Working Conference on Generic Programming (WCGP'02). For further information about MPC'02, visit `http://www.cs.ukc.ac.uk/events/conf/2002/mpc2002/`; for further information on WCGP'02, visit `http://www.generic-programming.nl/wcgp/cfp.html`.

- Simpleton 2002 Workshop. *July 8–12, 2002, Marseille, France.* The aim of the workshop is to discuss recent progress regarding all aspects of simplicity theory. For further information, contact the workshop organizer, F. O. Wagner (email: `wagner@desargues.univ-lyon1.fr`), or visit `http://www.desargues.univ-lyon1.fr/home/wagner/simpleton.html`.

- Twenty-ninth International Colloquium on Automata, Languages and Programming. *July 8–13, 2002, Málaga, Spain.* This event is the annual meeting of the European Association of Theoretical Computer Science. The scientific program will be split into two parts: Track A of the meeting concerns Algorithms, Automata, Complexity, and Games, and the focus of Track B is Logic, Semantics, and Theory of Programming. The Conference Co-Chairs are R. Morales and F. Triguero. Additional information may be found at `http://www.lcc.uma.es/icalp2002`.

- First Salzburg Workshop on Paradigms of Cognition (SWPC 1/2002). *July 18–20, 2002, Salzburg, Austria.* The topic of this workshop is "Non-Monotonic and Uncertain Reasoning in the Focus of Competing Paradigms of Cognition." It will focus on the interdisciplinary interrelations between non-monotonic reasoning and probability, philosophy of science, cognitive psychology, and neuroscience. For further information, visit `http://www.sbg.ac.at/sfb/nmr-workshop`.

- The 2002 Federated Logic Conference (FLoC'02). *July 20–August 1, 2002, Copenhagen, Denmark.* The following conferences will participate in FLoC: the Conference on Automated Deduction (CADE), the Conference on Computer-Aided Verification (CAV), Formal Methods (FM), the IEEE Symposium on Logic in Computer Science (LICS), and the Conference on Rewriting Techniques and Applications (RTA). Preconference workshops will be held on July 20–21. LICS, RTA, and FM will be held in parallel during July 22–25, and mid-conference workshops and excursions will be on July 25–26. CADE and CAV are scheduled in parallel for July 27–30 and postconference workshops will be held on July 31–

August 1. For more information about the ASL-sponsored LICS meeting, see above. For more information about FLoC'02, visit `http://floc02.diku.dk`.

- FOURTH INTERNATIONAL WORKSHOP ON IMPLICIT COMPUTATIONAL COMPLEXITY (ICC'02). *July 20-21, 2002, Copenhagen, Denmark.* Part of FLoC'02, this workshop focuses on the theory and application of logic-based, machine-independent approaches to computational complexity. Topics include: automatic complexity analysis of programs, higher-type computational complexity, logical and machine-independent characterizations of complexity classes, logics closely related to complexity classes, software that applies ICC ideas in programming language design and in formal methods, and type systems for controlling complexity. For further information, visit `http://www.cis.syr.edu/~royer/icc`.
- WORKSHOP ON FIXED POINTS IN COMPUTER SCIENCE (FICS'02). *July 20–21, 2002, Copenhagen, Denmark.* The themes of this LICS'02-affiliated event include: construction and reasoning about properties of fixed points; categorical, metric, and ordered fixed point models; continuous algebras; relation algebras; fixed points in process algebras and process calculi; regular algebras of finitary and infinitary languages; formal power series; tree automata and tree languages; infinite trees; the mu-calculus and other programming logics; fixed points in relation to dataflow and circuits; fixed points and the lambda calculus; and, fixed points in logic programming and databases. Invited speakers include L. Aceto, D. Kozen, A. Labella, and G. Winskel. For further information, visit `http://floc02.diku.dk/FICS`.
- SECOND INTERNATIONAL WORKSHOP ON REDUCTION STRATEGIES IN REWRITING AND PROGRAMMING (WRS 2002). *July 21, 2002, Copenhagen, Denmark.* This workshop, affiliated with Rewriting Techniques and Applications (RTA 2002, see below), will be of interest not only to the rewriting community, but also to researchers in neighboring fields such as functional programming, functional-logic programming, and termination proofs of algorithms. The workshop is part of FLoC'02. For further information, visit `http://www.dsic.upv.es/users/elp/WRS2002`.
- REWRITING TECHNIQUES AND APPLICATIONS (RTA 2002). *July 22–24, 2002, Copenhagen, Denmark.* Part of FLoC'02, the subject of this event is all aspects of rewriting, including applications, foundations, frameworks, implementations, and semantics. For further information, visit `http://www.ericsson.com/cslab/rta2002`.
- FOURTH WORKSHOP ON HYBRID LOGICS. *July 25, 2002, Copenhagen, Denmark.* Affiliated with LICS 2002, this event should be of interest to a wide range of researchers, including those interested in description logic, feature logic, applied modal logics, temporal logic, and labelled deduction. Hybrid logic is a branch of modal logic in which it is possible to directly refer to worlds/times/states or whatever the elements of the (Kripke) model are meant to represent. For further information, visit `http://www.hylo.net`.
- WORKSHOP ON COMPLEXITY IN AUTOMATED DEDUCTION. *July 25–26, 2002, Copenhagen, Denmark.* Affiliated with CADE-18 (see below), this event aims to bring together researchers who work on or have a serious interest in problems that are in the interface between automated deduction and computational complexity. Invited speakers include M. Cadoli, H. Comon, E. Grädel, M. Grohe, P. Kolaitis, P. Narendran, R. Pichler, P. Pudlák, and A. Voronkov. For further information, visit `http://www.loria.fr/~hermann/workshop2002eng.html`.
- SIXTEENTH INTERNATIONAL WORKSHOP ON UNIFICATION (UNIF 2002). *July 25–26, 2002, Copenhagen, Denmark.* This meeting is affiliated with RTA2002 and part of FLoC'02. Topics include: general e-unification and calculi, special unification algorithms, matching, narrowing, higher-order unification, combination problems, disunification, typed unification, constraint solving, unification calculi, applications, implementations, type checking and

reconstruction, and unification-based approaches to grammar. For further information, visit http://unif2002.lri.fr.

- INTUITIONISTIC MODAL LOGIC AND APPLICATIONS '02 (IMLA 2002). *July 26, 2002, Copenhagen, Denmark.* The goal of this FLoC'2002 workshop is to stimulate more systematic study of constructive or intuitionistic modal logics and, in parallel, of modal type theories. It aims to: (i) bring together computer scientists with a focus on proof theory and lambda calculi, and logicians and philosophers with a focus on model theory; and (ii) bring together theoretically-oriented and application-oriented approaches. The invited speakers are G. Sambin and D. Scott. For further information, visit http://floc02.diku.dk/IMLA/.
- CONFERENCE ON AUTOMATED DEDUCTION (CADE-18). *July 27–30, 2002, Copenhagen, Denmark.* Part of FLoC'02, CADE is the major international forum in which research on all aspects of automated deduction is presented. For further information, visit http://www.uni-koblenz.de/~cade-18/.
- CONFERENCE ON COMPUTER-AIDED VERIFICATION (CAV 2002). *July 27–31, 2002, Copenhagen, Denmark.* Part of FLoC'02, CAV'02 is dedicated to the advancement of the theory and practice of computer-assisted formal analysis methods for software and hardware systems. The Co-Chairs of the Program Committee are E. Brinksma and K. Larson. For further information, visit http://floc02.diku.dk/CAV.
- TABLEAUX 2002. *July 30–August 1, 2002, Copenhagen, Denmark.* The topics for this FLoC'02 meeting include analytic tableaux, related concepts (e.g., model checking and BDDs), and related calculi (e.g., sequent calculi, connection method, model elimination). The invited speakers are M. Baaz and D. Miller. For further information, visit http://floc02.diku.dk/TABLEAUX/.
- COMPUTATIONAL LOGIC IN MULTI-AGENT SYSTEMS (CLIMA'02). *August 1, 2002, Cohenhagen, Denmark.* Affiliated with FLoC'02 and ICLP'2002, the purpose of this event is to present techniques for multi-agent systems in a formal way, based on computational logic. For further information, visit http://centria.di.fct.unl.pt/~jleite/clima02/.
- FOURTEENTH EUROPEAN SUMMER SCHOOL IN LOGIC, LANGUAGE AND INFORMATION (ESSLLI-2002). *August 5–16, 2002, Trento, Italy.* The main focus of ESSLLI is the interface between linguistics, logic and computation. Foundational, introductory, and advanced courses, together with workshops cover topics within the three main areas of interest: language and computation, language and logic, and logic and computation. Members of the Program Committee include C. Gardent (Chair), S. Parsons, and F. Wolter (Computation and Logic), G. Altmann and H. Schuetze (Language and Computation), and F. Pianesi and S. Pulman (Logic and Language). There will be an ESSLLI 2002 Student Session on August 5–16, 2002 to provide ESSLLI participants who are students with the opportunity to present their own work in progress. For further information on the Student Session, visit http://www.iccs.informatics.ed.ac.uk/~malvi/esslli02/. For further information, contact the local organization by email at esslli02-local@itc.it, or visit http://www.esslli2002.it/.
- WORKSHOP ON PARACONSISTENT LOGIC (WOPALO). *August 5–9, 2002, Trento, Italy.* This workshop, part of ESSLLI 2002, focuses on current research on paraconsistency. Paraconsistency developed as the study of non-trivial inconsistent logics. The use of such logics since then has proved useful in several contexts, including the formulation of set theories with stronger abstraction principles, the handling of inconsistent databases, and the formulation and understanding of problems related to the formalization of argumentation and in the development of a formal philosophy of science, with applications to epistemology. The organizers are D. Batens, W. Carnielli, and J. Marcos. For further information, visit http://logica.rug.ac.be/WoPaLo/.

- Colloquium Logicum 2002. *August 9–11, 2002, Münster, Germany.* Colloquium Logicum 2002 is a satellite meeting of Logic Colloquium 2002, and is the biannual meeting of the German Logic Society (DVMLG). Invited speakers include: T. Arai, J. Bagaria, A. Nies, M. Otto, C. Parsons, A. Pillay, M. Rathjen, and J. van Benthem. Organizing and Scientific Committee members are: J. Diller, P. Koepke, B. Löwe, W. Pohlers (Chair), C. Thiel, W. Thomas, and A. Weiermann. For further information, visit `http://www.math.uni-muenster.de/LC2002/CL2002.html`.
- Summer School and Workshop on Advanced Functional Programming. *August 19–24, 2002, Oxford, UK.* This event will be held in conjunction with the Summer School and Workshop on Generic Programming (see below). The program includes several topics of potential interest to logicians. For further information, visit `http://www.functional-programming.org/afp/afp4`.
- Summer School and Workshop on Generic Programming. *August 19–24, 2002, Oxford, UK.* Held in conjunction with the Summer School and Workshop on Advanced Functional Programming (see above), the program includes several topics of potential interest to logicians. For further information, visit `http://www.comlab.ox.ac.uk/oucl/research/areas/ap/ssgp/info.html`.
- International Congress of Mathematicians (ICM'02). *August 20–28, 2002, Beijing, China.* The invited 45-minute speakers in the Logic Section are: E. Bouscaren, J. Denef, M. Gitik, D. Lascar, and H. Woodin. For further information, visit `http://www.icm2002.org.cn/`.
- International Summer School in Computational Logic (ISCL 2002). *August 25–30, 2002, Maratea, Italy.* This meeting will consist of several lectures on different aspects of computational logic, covering both the theoretical framework and relevant practical perspectives. Invited speakers include K. Apt, P. Cousot, V. Dahl, B. Demoen, and J. Esparza. The organizers are R. Bagnara and P. Hill. The School is aimed at graduate students as well as other interested researchers, from both academia and industry. For further information, visit `http://www.cs.unipr.it/ISCL02/`.
- The Seventh Symposium on Logic and Language (LoLa7). *August 26–29, 2002, Pecs, Hungary.* Invited speakers include L. Kalman, T. Reinhart, and J. van Eijck. Tutorials will be offered by T. Reinhart and K. Szendroi (Syntax-Semantics Interface) and J. van Eijck (Semantics); a third tutorial on informational structure is also planned. The Organizing Committee members include G. Alberti (Chair), K. Balogh, and A. Nagy. For further information, visit `http://maya.btk.pte.hu/~kata/lola7.html`.
- Thematic Program on Set Theory and Analysis. *September–December 2002, Fields Institute, Toronto, Canada.* During the Fall of 2002, the Fields Institute will host a thematic program devoted to fostering the interaction between set theory and analysis. The program will include at least two short workshops, one focusing on set theoretic techniques in the theory of Banach spaces and the second on Borel relations. The members of the Organizing Committee are: A. Dow, A. Kechris, M. Laczkovich, C. Laflamme, J. Steprans, and S. Todorčević. For further information, visit `http://www.fields.utoronto.ca/programs/scientific/02-03/set_theory/`.
- Annual Conference of the European Association for Computer Science Logic (CSL'02). *September 22–25, 2002, Edinburgh, Scotland.* The conference is intended for computer scientists whose research activities involve logic, and for logicians working on issues significant for computer science. Invited speakers include S. Hayashi, F. Neven, and D. Niwinski. The Chair of the Program Committee is J. Bradfield. For further information, visit `http://www.dcs.ed.ac.uk/csl02/`.