

Mathematics Calendar

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January 1998

* 1998-99 **Topology and Geometry of Quantum Fields**, Mittag-Leffler Institute, Djursholm, Sweden.

Organizing Committee: T. Ekedahl (Univ. of Stockholm), J. Mickelsson (Royal Institute of Technology, Stockholm), A. Niemi (Univ. of Uppsala), and O. Viro (Univ. of Uppsala).

Deadline: Deadline for application for post-doctoral fellowships: March 31, 1998, to the Mittag-Leffler Institute, Auravägen 17, S-182 62 Djursholm, Sweden.

Information: J. Mickelsson, Department of Theoretical Physics, KTH, S-100 44 Stockholm, Sweden; e-mail: jouko@theophys.kth.se; A. Niemi, Dept. of Theoretical Physics, Box 803, S-751 08 Uppsala, Sweden; e-mail: niemi@teorfys.uu.se; O. Viro, Dept. of Mathematics, Box 480, S-751 06 Uppsala, Sweden; e-mail: viro@math.ucr.edu.

* 1998-99 **Special Year on Large Scale Discrete Optimization**, DIMACS Center, Rutgers University, Piscataway, New Jersey.

Focus: This Special Year is motivated by developments in the past ten years. There have been three simultaneous advances: at the algorithmic level, with new and interesting algorithms for solving large scale discrete problems both exactly and approximately;

at the implementation level, providing codes and systems for solving such problems; and at the practical level, with interests in the fast solution of real-world problems. Examples of such applications include airline crew scheduling, chemical process design, and telecommunication network design. Our goal in this year is to unite these groups. The confluence of exciting recent work on approximation and other algorithms and greatly improved software/hardware for optimization makes large scale discrete optimization a practical, useful approach to solving problems of practical interest.

Opportunities to Participate: The Special Year will include: Workshops: A variety of workshop and mini-workshop topics are under consideration. A pre-Special Year workshop on Large Scale Discrete Optimization is already planned for May 27-29, 1998. Visitor Programs: Applications for research and graduate student visits to the Center are invited. Some funds are available for travel and local support. Postdoctoral Positions: Two postdoctoral positions will be offered in this area. Publications: We anticipate that a variety of publications, including AMS-DIMACS books, technical reports, abstracts and notes on the WWW, and DIMACS Modules will result from the Special Year. Possible Workshops: We are still in the early stages of planning for workshops,

but possible topics for workshops (4-5 days) and mini-workshops (1-2 days) include: Large Scale Discrete Optimization in Engineering; Large Scale Discrete Optimization in Production and Scheduling; Large Scale Discrete Optimization in Transportation; Large Scale Discrete Optimization in Robotics and Vision; Algorithms for Large Scale Discrete Optimization; Semidefinite Programming and Large Scale Discrete Optimization; Constraint Programming and Large Scale Discrete Optimization; Large Scale Discrete Optimization in Data Mining. In addition, there will be at least one Computational Challenge addressing one or more problems in large scale discrete optimization. Those with suggestions for workshops or those interested in aiding the organization of workshops should contact the organizing committee.

Organizers: Organizers for the Special Year are: E. Boros (Rutgers/DIMACS, local chair), W. Pulleyblank (IBM), M. Trick (Carnegie Mellon, general chair), B. Vanderbei (Princeton/DIMACS), V. Vazirani (Georgia Tech). Researchers interested in early discussions about visiting are encouraged to contact the organizing committee by e-mail to dimacs98@mat.gsia.cmu.edu. Information about workshops, etc., will be made available on DIMACS's WWW site and in many newsletters and electronic sites.

This section contains announcements of meetings and conferences of interest to some segment of the mathematical public, including ad hoc, local, or regional meetings, and meetings and symposia devoted to specialized topics, as well as announcements of regularly scheduled meetings of national or international mathematical organizations. A complete list of meetings of the Society can be found on the last page of each issue.

An announcement will be published in the *Notices* if it contains a call for papers and specifies the place, date, subject (when applicable), and the speakers; a second announcement will be published only if there are changes or necessary additional information. Once an announcement has appeared, the event will be briefly noted in every third issue until it has been held and a reference will be given in parentheses to the month, year, and page of the issue in which the complete information appeared. Asterisks (*) mark those announcements containing new or revised information.

In general, announcements of meetings and conferences held in North America carry only the date, title of meeting, place of meeting, names of speakers (or sometimes a general statement on the program), deadlines for abstracts or contributed papers, and source of further information. Meetings held outside the North American area may carry more detailed information. In any case, if there is any application deadline with respect to participation in the meeting, this fact should be noted. All communications on meetings and conferences in the mathematical sciences

should be sent to the Editor of the *Notices* in care of the American Mathematical Society in Providence or electronically to notices@ams.org or mathcal@ams.org.

In order to allow participants to arrange their travel plans, organizers of meetings are urged to submit information for these listings early enough to allow them to appear in more than one issue of the *Notices* prior to the meeting in question. To achieve this, listings should be received in Providence **six months** prior to the scheduled date of the meeting.

The complete listing of the Mathematics Calendar will be published only in the September issue of the *Notices*. The March, June, and December issues will include, along with new announcements, references to any previously announced meetings and conferences occurring within the twelve-month period following the month of those issues. New information about meetings and conferences that will occur later than the twelve-month period will be announced once in full and will not be repeated until the date of the conference or meeting falls within the twelve-month period.

The Mathematics Calendar, as well as Meetings and Conferences of the AMS, is now available electronically through e-MATH on the World Wide Web. To access e-MATH, use the URL: <http://e-math.ams.org/> (or <http://www.ams.org/>). (For those with VT100-type terminals or for those without WWW browsing software, connect to e-MATH via Telnet (telnet e-math.ams.org; login and password e-math) and use the Lynx option from the main menu.)

* 12-17 **Interactions between Ring Theory and Representation of Algebras**, Murcia, Spain.

Goal: The goal of the conference is to show the links between ring theory and representation of algebras and to be a privileged forum for discussion of techniques, developments, and open problems that, although appearing sometimes under a different framework, share an essentially unique nature. The meeting is also aimed at giving an introductory background to those young researchers wishing to work in or already working in the area. The program will include long talks by main speakers, some of them introductory or survey talks, short communications, and perspective sessions for open problems.

Scientific Committee: J. L. Garcia Hernandez (Murcia), M. P. Malliavin (Paris VI), I. Reiten (Dragvoll-Trondheim), C. M. Ringel (Bielefeld).

Program: There will be two-hour introductory talks by pairs of main speakers (concretely, fifty minutes per member of the pair) on different topics. There will also be fifty-minute talks by the rest of the main speakers. Finally, the rest of the participants are welcome to present a short communication of 20-25 minutes (a final decision about the time will be made when the exact number of participants that will give a talk is known).

Support: Support for the conference is primarily given by the European Union (Training and Mobility of Researchers), and the meeting is the second of four euroconferences to be held under the guidance of a TMR network. There are grants available for young researchers (under 35 years) from within the European Union who wish to attend the conference. Those selected will get full support for travel, admission fee, and accommodations in Murcia.

Admission Fee: There will be an admission fee of 12,000 pesetas. It covers mail expenses, coffee and cookies, a social dinner, and daily bus transportation. The money should be sent to the following account: Banco Exterior de Espana, account # 0104-0011-90-0301398134, Gran via Escultor Salzillo 9, 30004 Murcia, Spain. The title of the account is "Comite Organizador RTRA". Please do not forget any of the twenty digits of the account number.

Abstracts: Participants wishing to present a communication at the conference are requested to send an abstract of no more than 100 words (preferably in LaTeX format). It should be in Murcia by November 15, 1997. A booklet with the abstracts and definite program of the conference will be sent to participants with the third announcement.

Information: For further information or questions concerning the conference see our Internet pages: <http://www-math.fcu.um.es/mat/rtra/> (about the conference), <http://www.mathematik.uni-bielefeld.de/~sek/E-C-net.html> (about the network), or inquire directly to the Comite Organizador RTRA: e-mail: rings@

fcu.um.es, fax: 34-68-364182.

February 1998

* 5-7 **The Fourth Barcelona Logic Meeting**, Universitat Autnoma de Barcelona, Bellaterra, Spain.

Aim: This is the fourth in a series of meetings devoted to all areas of mathematical logic.

Invited Speakers: M. Baaz (Technische Univ. Wien), J. L. Balcarz (Univ. Politcnica de Catalunya), A. Baudisch (Humboldt Univ., Berlin), G. Cherlin (Univ. of Rutgers), V. A. Gorbunov (Inst. of Mathematics, Novosibirsk), A. Louveau (Univ. Paris VI), T. Recio (Univ. de Santander), A. Torrens (Univ. de Barcelona), H. Woodin (Univ. of California at Berkeley).

Communications: Those wishing to present short communications are invited to submit two copies of a one-page abstract before December 1, 1997, to: CRM, Apartat 50, 08193 Bellaterra (Barcelona), Spain.

Organizing Committee: J. Bagaria, E. Casanovas, R. Elgueta, S. Friedman, D. Mundici, B. Poizat, J. Rebagliato.

Information: <http://www.crm.es/>.

* 20-21 **Hyperbolic Geometry (First Announcement)**, University of Southampton, Southampton, United Kingdom.

Speakers: W. Ballmann (Univ. of Bonn), B. Bowditch (Univ. of Southampton), M. Kapovich (Univ. of Utah), A. Lubotsky (Hebrew Univ.), Y. Minsky (SUNY at Stony Brook), and C. Series (Univ. of Warwick). The talks will be Friday afternoon and Saturday morning. Details concerning overnight accommodations and the Friday night banquet will be made available in the second announcement.

Information: Please contact one of the organizers: G. Niblo (gan@maths.soton.ac.uk) and J. Anderson (jwa@maths.soton.ac.uk). Our regular mail address is: Faculty of Mathematical Studies, Univ. of Southampton, Southampton SO17 1BJ; tel: 01703-593612; fax: 01703-595147.

* 23-28 **Arithmetic of Algebraic Cycles and Motivic Cohomology**, Newton Institute, Cambridge, United Kingdom.

Organizers: J.-L. Colliot-Thélène, U. Jannsen.

Topics: Among the topics to be addressed are: motivic cohomology, computations of Chow groups over various base fields, some aspects of higher class field theory.

Participants: S. Bloch, J. L. Brylinski (*), L. Clozel, H. Esnault (*), I. Fesenko, O. Gabber, Ph. Gille, H. Gillet, M. Hanamura (*), B. Kahn, K. Künnemann, A. Langer, R. Laterveer, F. Morel (*), J. Murre, J. Nekovář, I. A. Panin, R. Parimala, A. N. Parshin, B. Perrin-Riou, E. Peyre, B. Poonen, W. Raskind (*), M. Rost, S. Saito, P. Salberger, C. Schoen (*), A. J. Scholl, A. N. Skorobogatov, C. Soulé, M. Spiess, V. Srinivas, R. Sujatha, V. Suresh, P. Swinnerton-Dyer, B. Totaro, V. Voevodsky. (*: to be confirmed).

Information: Applications to: J.-L. Colliot-Thélène, Département de Mathématiques, Université Paris-Sud, Bât. 425, 91405 Orsay Cedex, France; e-mail: colliot@math.u-psud.fr. Closing date for applications: November 15, 1997.

* 24-26 **International Conference on Probability Theory and Its Applications**, Korea Advanced Institute of Science and Technology, Taejeon, Korea.

Topics: Topics for the conference include but are not limited to the following: limit theorems for stochastic processes, stochastic analysis, Markov processes, diffusions, Dirichlet forms, queueing theory, modelling of telecommunication system, white noise analysis, quantum stochastic analysis, stochastic models in finance, applied probability approximation, long-range dependence, self-similar processes, statistics of stochastic processes, stochastic control, random set and fuzzy processes.

Invited Speakers: J. R. Artalejo, D. M. Chung, J. H. Dshalalow, T. Hida, T. Hsing, N. Jain, G. Kallianpur, Y. J. Lee, Y. M. Park, P. Pollett, S. Watanabe, J. A. Yan.

Contributed Talks: The organizers are soliciting contributed talks of 20-minutes' duration within the topics of the conference. Abstracts should be sent to the conference secretary either by ordinary mail, e-mail, or fax. Abstracts should contain author's affiliation and e-mail address.

Program Committee: L. H. Y. Chen, B. D. Choi (co-chairs); T. Brown, M. Fukushima, T. Hida, C. R. Hwang, C. E. M. Pearce, J. A. Yan.

Local Organizing Committee: B. D. Choi (chair), C. S. Choi (secretary), K. S. Chang, D. M. Chung, J. W. Jeon, J. H. Kim, T. S. Kim, I. S. Wee.

Abstract: Abstracts for invited lectures and contributed talks should not contain more than 200 words each and should be submitted to the organizing secretary no later than December 1, 1997, through e-mail or regular mail (e-mail is strongly preferred). Submissions through e-mail should be sent to the following address: cam@queue.kaist.ac.kr or cam@math.kaist.ac.kr.

Information: For the registration form and further information, you may also visit the Internet site <http://math.kaist.ac.kr/~cam/>.

March 1998

* 14-18 **Arizona Winter School 1998: Workshop on Diophantine Geometry Related to the ABC Conjecture**, The University of Arizona, Tucson, Arizona.

Goal: This conference is the first Arizona Winter School on Arithmetical Algebraic Geometry. The goal is to expose graduate students and young researchers in number theory and algebraic geometry to current topics in arithmetic geometry in a short span of time and in an intense interactive environment with the presence of experts in the field. There will also be a professional

development component that is intended to provide an opportunity for young researchers to acquire practical skills relevant to their careers.

Topics: The topic for this first year is "Diophantine Geometry Related to the ABC Conjecture". A series of survey lectures will be delivered by D. W. Masser, and numerous talks of both an introductory and specialized nature are planned. The focus of the professional development component will be the teaching of mathematics. Perspectives from mathematics education research and from the classroom experience of mathematicians will be presented. The component will include roundtable discussions by participants as well as lectures.

Organizers: A. Buium, M. Kim, and F. Voloch.
Confirmed Speakers: A. Buium, H. Darmon, D. W. Masser, B. Mazur, L. Szpiro, P. Vojta, and F. Voloch.

Information: See the Web at <http://www.math.arizona.edu/~SWCenter/> or send a message to majordomo@swc.math.arizona.edu with "subscribe aws98" in the body.

* 23–28 **EC Summer School: Arithmetic Geometry; Part I: Instructional Conference: Current Trends in Arithmetical Algebraic Geometry**, Newton Institute, Cambridge, United Kingdom.

Organizers: J.-L. Colliot-Thélène (Orsay), J. Nekovář (Cambridge), C. Soulé (IHES).

Lecturers: A. B. Goncharov (Brown): Polylogarithms, motivic complexes and values of L -functions; M. Nakamaye (Harvard): Diophantine approximation on algebraic varieties; P. Salberger (Göteborg): Manin's conjectures on rational points of bounded height; V. Voevodsky (Northwestern): Motivic homotopy theory.

Grants: The conference is supported by a grant from the European Community, which will provide funding towards the registration, travel, and subsistence costs of selected young (under 35 years) participants. Applications from women and anyone living in Greece, Ireland, Portugal, and other less favoured regions of the European Community are particularly encouraged. Other limited funds exist for participants from outside the EC. Self-supporting applicants of any age and nationality are welcome.

Applications: The workshop will take place at the Newton Institute, and accommodations for participants will be provided at Wolfson Court, adjacent to the Institute. The conference package costs £280 for one week and £520 for two weeks, which includes registration fees, accommodations, breakfast and evening meals, plus lunch and refreshments during the days that lectures take place.

Information: Further information and application forms are available from the WWW at <http://www.newton.cam.ac.uk/programs/amg.html>, where information about the main program and general information about the Newton Institute can be found. Completed application forms should be sent to H. Dawson, 20 Clark-

son Road, Cambridge, CB3 0EH, UK; or via e-mail to: h.dawson@newton.cam.ac.uk. Closing date for receipt of applications is November 30, 1997.

* 30–April 4 **EC Summer School: Arithmetic Geometry; Part II: Rational Points**, Newton Institute, Cambridge, United Kingdom.

Aim: The aim of the workshop is to give participants a global view of what is known and what is to be expected of rational points (over global fields), depending on the place of varieties in the geometric classification. Among the topics we plan to address are the following: rational points on curves of higher genus, varieties of general type, pencils of curves of genus one; points of bounded height on Fano varieties; the Brauer-Manin obstruction.

This conference is the second part of an EC Summer School on Arithmetic Geometry, one of the activities of the program on arithmetic geometry at the Newton Institute.

Organizers: J.-L. Colliot-Thélène (Orsay), P. Swinnerton-Dyer (Cambridge).

Participants: D. Abramovich, B. Birch, S. Bloch, A. Buium, G. Faltings (*), D. R. Heath-Brown, J. Kollár (*), L. Merel, J.-F. Mestre, P. Salberger, N. I. Shepherd-Barron, J. Silverman (*), A. N. Skorobogatov, Y. Tschinkel, P. Vojta, J. F. Voloch (*).

Grants: The conference is supported by a grant from the European Community, which will provide funding towards the registration, travel, and subsistence costs of selected young (under 35 years) participants. Applications from women and anyone living in Greece, Ireland, Portugal, and other less favored regions of the European Community are particularly encouraged. Other limited funds exist for participants from outside the EC. Self-supporting applicants of any age and nationality are welcome.

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Information: Further information and application forms are available from the WWW at <http://www.newton.cam.ac.uk/programs/amg.html>, where information about the main program and general information about the Newton Institute can be found. Completed application forms should be sent to H. Dawson, 20 Clarkson Road, Cambridge, CB3 0EH, UK; or via e-mail: h.dawson@newton.cam.ac.uk. Closing date for the receipt of applications is November 30, 1997.

April 1998

* 20–24 **International Conference on Theoretical Computer Science in Honour of Professor Manuel Blum's 60th Birthday**,

City University of Hong Kong, Hong Kong.
Speakers: D. Angluin (Yale), E. Bach (Wisconsin), C. Bennett (IBM, Yorktown), A. Blum (Carnegie Mellon), A. Borodin (Toronto), M. Furst (Carnegie Mellon), S. Goldwasser (MIT), R. Karp (Washington), L. Levin (Boston), M. Li (Waterloo), S. Micali (MIT), G. Miller (Carnegie Mellon), M. Minsky (MIT), C. Papadimitriou (UC, Berkeley), M. Rabin (Harvard and Hebrew University), S. Rudich (Carnegie Mellon), M. Sipser (MIT), U. Vazirani (UC, Berkeley), V. Vazirani (Georgia Tech), S. Winograd (IBM, Yorktown), A. Yao (Princeton), F. Yao (Xerox Parc).

Call for Papers: Titles and abstracts of contributed papers must be received by January 31, 1998. The abstracts should be typed in LaTeX, not to exceed one page, and sent to M. Lau by e-mail.

Organizing Committee: H. H. S. Ip (chair, City Univ. of Hong Kong), L. Blum (City Univ. of Hong Kong), F. Y. L. Chin (Univ. of Hong Kong), R. Chin (Hong Kong Univ. of Science & Technology), M. Golin (Hong Kong Univ. of Science & Technology), C. K. Poon (City Univ. of Hong Kong), S. Smale (City Univ. of Hong Kong).

Sponsors: Liu Bie Ju Centre for Mathematical Sciences, City Univ. of Hong Kong Department of Computer Science, City Univ. of Hong Kong Department of Mathematics, City Univ. of Hong Kong.

Information: M. Lau, Department of Computer Science, City Univ. of Hong Kong, 83 Tat Chee Avenue, Kowloon, Hong Kong; tel: 852-27889667; fax: 852-27888614; e-mail: cs1aamy@cityu.edu.hk.

* 25 **Midwest Numerical Analysis Day 1998**, Western Illinois University, Macomb, Illinois.

Aim: This conference is aimed at faculty members, graduate students, and visitors from universities in the central U.S.

Confirmed Invited Speakers: J. Flaherty (RPI), B. Gear (NEC Research Inst. Inc.), E. Twizell (Brunel Univ., England).

Organizers: A. Khaliq (a-khaliq@wiu.edu, 309-298-1562); D. Voss (d-voss1@wiu.edu, 309-298-1562).

Deadline: If you are interested in giving a contributed talk in the form of an oral presentation or a poster session, submit a title and short abstract (indicating the form of presentation) by March 16, 1998, either through the conference Web page, via e-mail to naday@wiu.edu, or to one of the organizers. There is no registration fee.

Information: Information about the conference will be available on the Web at http://www/ECNet.Net/users/mfamk/Midwest_NA_Day/.

* 26–June 27 **Commutative Algebra, Homological Algebra, and Representation Theory**, Italy.

Main Sponsor: INdAM (Istituto Nazionale di Alta Matematica).

Description: An intensive period of study and research in honor of D. Buchsbaum, divided into four parts: Part 1 (Univ. of

Catania, April 26 to May 16) on Buchsbaum Varieties; Part 2 (Univ. of Rome Tor Vergata, May 17 to May 23) on Modular Representations; Part 3 (Univ. of Genoa, May 24 to June 13) on Homological Methods in Commutative Algebra and Algebraic Geometry; Part 4 (Univ. of Genoa, June 14 to June 27) on Schur and Weyl Modules.

Organizers: D. Eisenbud, S. Goto, and A. Ragusa (Part 1); G. M. Cattaneo and E. Strickland (Part 2); C. Peskine and G. Valla (Part 3); G. Boffi and J. Weyman (Part 4).

Invited Mathematicians: H. H. Andersen, L. Avramov, W. Bruns, D. Buchsbaum, M. C. Chang, M. M. Deschamp, S. Donkin, J. A. Green, M. Hashimoto, J. Herzog, C. Huneke, J. C. Jantzen, T. Jozefiak, M. Kashiwara, D. Kazhdan, V. Lakshmbai, A. Lascoux, P. Littelmann, G. Lusztig, I. G. Macdonald, O. Mathieu, J. Migliore, R. M. Miro'-Roig, U. Nagel, G. C. Rota, R. Sharp, W. Soergel, B. Ulrich, W. Vasconcelos, A. Zelevinsky.

Abstracts: Those wishing to contribute a talk should submit an abstract by March 15, 1998, indicating for how long they intend to speak. (No contributed talks are planned for Part 2.)

Information: ragusa@dipmat.unict.it (Part 1); strickla@mat.utovrm.it (Part 2); valla@dima.unige.it (Part 3); boffi@dsmaosf.univ.trieste.it (Part 4).

May 1998

* 3-6 Fourier Analysis and Applications (FAA98), Kuwait University, Kuwait.

Sponsors: The conference is sponsored and organized jointly by Kuwait University (KU) and Kuwait Foundation for the Advancement of Sciences (KFAS).

Objectives: Presentation and discussion of recent developments in the theory and applications of Fourier Analysis; to provide a forum for mathematicians, engineers, and other scientists to exchange ideas.

Scientific Committee: A. Boettcher (TU Chemnitz), P. Butzer (RWTH Aachen), G. Heinig (KU), S. Mazhar (KU), M. Nashed (Univ. of Delaware), G. Strang (MIT), V. K. Tuan (KU).

Topics: Trigonometric series and approximations, Fourier and integral transforms, fast Fourier techniques, wavelets, and applications to differential and integral equations.

Call for Papers: Anyone interested in attending should submit an application (preferably by e-mail) to the organizing committee. In addition, a one-page abstract, sent by e-mail or on a diskette in a TeX format, is required of those who wish to give a talk. The deadline for applications and abstracts is February 28, 1998. Notification of acceptance will be sent by March 15, 1998. A refereed proceeding is planned to be published soon after the conference.

Financial Support: There is no registration fee. Local accommodations, transportation, and conference dinner will be covered by the organizers. Limited travel support is provided in some cases.

Information: F. Al-Musallam, FAA98 Organizing Committee, Dept. of Mathematics and Computer Science, Kuwait University, P.O. Box 5969, Safat 13060, Kuwait; tel: +965-4813129; fax: +965-4817201; e-mail: FAA98@MATH-1.SCI.KUNIV.EDU.KW.

* 4-8 NSF-CBMS Regional Research Conference on Wavelet Analysis as a Tool for Computational and Harmonic Analysis, University of Central Florida, Orlando, Florida.

Principal Speaker: R. R. Coifman (Yale Univ.). Additional invited lectures by other leading experts will also be featured, and ample opportunity is planned for information discussion as well.

Organizer: L. Debnath, Dept. of Mathematics, Univ. of Central Florida, Orlando, FL 32816; tel: 407-823-2478 or 407-823-2754; fax: 407-823-6253; e-mail: ijmms@pegasus.cc.ucf.edu or ldebnath@pegasus.cc.ucf.edu. For more information contact L. Debnath.

Participation: Open to mathematicians and scientists working at research level on theoretical or practical aspects of wavelet analysis. Some support is available for travel and local expenses. Application for participation and possible support should be made by January 30, 1998. Late applications will be considered as space permits. Women and minority scientists are strongly encouraged to participate. Inclusion of a short résumé and/or statement of current research interests from junior faculty and graduate students seeking funding would be helpful for selection.

* 18-24 Laminations and Foliations in Dynamics, Geometry, and Topology, Institute for Mathematical Sciences, State University of New York at Stony Brook, Stony Brook, New York.

Topics: Riemann surface and hyperbolic laminations and their relation to conformal dynamics; laminations and currents in higher dimensional holomorphic dynamics; analytic differential equations; groupoids and non-commutative geometry; geodesic laminations and foliations on surfaces and in 3-manifolds; foliations, symplectic and contact structures.

Speakers (Tentative): Bedford, Bonahon, Brunella, Camacho, Connes, Eliashberg, Fenley, Fornæss, Gabai, Ghys, Gomez-Mont, Hatcher, Hubbard, Ilyashenko, Kaimanovich, Ledrappier, Mosher, Sad, Sibony, Smillie, Sullivan, Verjovsky.

Organizers: Eliashberg, Ghys, Lyubich, Milnor, Minsky, Phillips, Sullivan, Verjovsky. **Support:** We hope to have some funds available to support a number of participants, particularly graduate students and postdocs. To apply for support, contact us at one of the addresses below. Applications of graduate students and postdocs should be backed by one recommendation letter.

Information: If you plan to attend, please contact us on the Web at <http://www.math.sunysb.edu/solenoid/>; or via e-mail at

solenoid@math.sunysb.edu; fax: 516-632-7631 c/o G. Sciulli; or mail to Laminations Conference, Institute for Math. Sciences, SUNY at Stony Brook, Stony Brook, NY 11794.

* 24-31 International Algebraic Conference (Dedicated to the Memory of A. G. Kurosh), Moscow State University, Faculty of Mechanics and Mathematics, Department of Algebra and Moscow, Russia.

Topics: Group theory, rings and modules, homological algebra, algebraic K-theory, Lie groups and algebras, theory of invariants, algebraic groups, algebraic geometry, algebraic number theory, commutative algebra, general algebraic systems, computer algebra, algorithmic problems.

Organizing Committee: P. M. Cohn, O. H. Kegel, A. I. Kostrikin, M. Suzuki, E. I. Zelmanov.

Deadline for Abstracts: January 1, 1998.

Information: Contact the organizing committee at Dept. of Algebra, Faculty of Mechanics and Mathematics, Moscow State University, 119899, Moscow, Russia; fax: 095-9392090; e-mail: artamon@nw.math.msu.su; WWW: <http://www.math.msu.su/~artamon/kurosh.htm>.

* 25-29 Conference on Combinatorial and Global Optimization, Chania, Crete, Greece.

Scope: The conference on Combinatorial and Global Optimization aims to foster the cooperation among practitioners and theoreticians in the fields of combinatorial and global optimization. Papers for oral presentation are solicited in all research areas related, as listed below.

Topics: Exact methods and computational studies, approximation and randomized algorithms, polyhedral combinatorics, global optimization, computer vision, communications network design, VLSI design, airline crew scheduling, corporate planning, multi-level optimization, computer-aided design and manufacturing, database query design, constraint-directed reasoning, and computational biology.

Information: Regularly updated information on the conference, location, hotel, and travel will be made available at: <http://www.mai.liu.se/~samig/crete.html>.

June 1998

* 1-5 Fourth International Conference on Mathematical and Numerical Aspects of Wave Propagation, Colorado School of Mines, Golden, Colorado.

Deadlines: November 3, 1997, is the deadline for submitting minisymposium proposal forms and for minisymposium speakers to submit 150-word extended abstracts, and for submitting 150-word extended abstracts for contributed presentations.

Conference Chair: J. A. DeSanto.

Information: Minisymposium proposals and abstract submissions are invited. For further information about the conference and how to send your abstracts, visit the

SIAM Web page at: <http://www.siam.org/meetings/wp98/wp98home.htm>, or contact the SIAM Conference Department by e-mail at: meetings@siam.org; tel: 215-382-9800; fax: 215-386-7999.

*** 10-12 From Erdős to Algorithms: Applications of the Probabilistic Method**, DIMACS Center, Rutgers University, Piscataway, New Jersey

Organizers: Chairs: J. Nešetřil, J. Spencer; committee members: R. Graham, J. Matousek, P. Valtr.

Focus: The "probabilistic method" is a legacy of Paul Erdős that continues to grow and flourish and have powerful applications in all parts of the mathematical sciences. We will explore current results in discrete mathematics that use probabilistic existence arguments and require the use of sophisticated probability concepts. We will further explore the connection to modern issues in computer science by examining the possible implementations of probabilistic existence arguments by randomized or deterministic algorithms.

Local Arrangements: P. Pravato, DIMACS Center, pravato@dimacs.rutgers.edu, 732-445-5929, <http://dimacs.rutgers.edu/Workshops/index.html>.

*** 12-13 The Third Biennial Symposium on Mathematical Modeling in the Undergraduate Curriculum**, University of Wisconsin, La Crosse, Wisconsin.

Sponsors: The Mathematics Department of the University of Wisconsin in La Crosse and the Consortium for Mathematics and its Applications (COMAP) are hosting this symposium to bring together mathematicians, scientists, and university educators for the purpose of sharing ideas, projects, and problems related to mathematical modeling in the undergraduate curriculum.

Call for Papers: We invite submissions for 25-minute or 50-minute presentations focusing on any aspect of mathematical modeling. Both mathematical and pedagogical themes are welcome, and a student presentation session will be included. Publication of the proceedings of the symposium is planned. A one-page abstract (or complete paper) must be received before March 15, 1998, to be considered for inclusion in the program. Send submissions to the Mathematics Department, Modeling Symposium, University of Wisconsin-La Crosse, La Crosse, WI 54601, or e-mail to skala@math.uwlax.edu. For further information call 608-785-6614 or e-mail above.

Plenary Speakers: S. Garfunkel, W. M. O'Fallon, M. J. Siegel.

Registration: Registration fee for the symposium is \$15. Optional activities include a Friday evening buffet dinner at a cost of approximately \$10, afterwards a tour of the famous Elmer's Auto and Toy Museum (\$15), and a Saturday riverboat luncheon (\$20).

Residence hall rooms are available (shared bathrooms and no air-conditioning)

and must be reserved in advance. Cost is approximately \$20/person/night. If you do not stay on campus, you will need to arrange your own lodging.

*** 25 LICS'98 Workshop on Formal Methods and Security Protocols**, Indianapolis, Indiana.

Topics: Topics of interest include descriptive techniques (specification languages, models, logics) and analysis techniques (model checking, theorem proving, and their combination) as applied to protocols for authentication, fair exchange, electronic commerce, and electronic auctions. We particularly want to hear about new approaches, new problems, new security properties, and new protocol bugs. Reports on work in progress are welcome.

Submissions: An extended abstract (about 5-10 pages) explaining recent research results or work in progress should be mailed electronically to both organizers, nch@research.bell-labs.com and wing@cs.cmu.edu, to be received by March 13, 1998.

Program: Keynote address (R. Needham), technical sessions, panel discussion.

Organizers: N. Heintze and J. Wing.

Information: <http://www.cs.bell-labs.com/~nch/fmsp/>.

*** 25 LICS'98 Workshop on Logic and Diagrammatic Information (LDI'98)**, Indianapolis, Indiana.

Topics: Issues in the mathematical logic of diagrammatic/heterogeneous information; logical theories of diagrammatic/heterogeneous information; logical properties, such as decidability and completeness, of diagrammatic/heterogeneous logics; expressiveness of diagrammatic/heterogeneous logics; formal analysis of the efficacy of different representation systems; foundational issues in extending logic to include diagrammatic information; issues in implementing tools based on diagrammatic/heterogeneous logics; case studies contrasting the suitability of diagrammatic and textual logics for particular problems.

Program Chairs: G. Allwein and K. Fisler.

Program Committee: D. Barker-Plummer, J. Barwise, J. Etchemendy, O. Lemon, K. Marriott, A. Shimojima.

Submissions: Submissions (limited to 15 pages) should be e-mailed to gtall@cs.indiana.edu by March 15, 1998. Submissions must be in PostScript format in U.S. letter size. We are unable to process the A4 European format. MIME attachments are acceptable. Please include a cover page giving the title of the paper, names and affiliations of authors, a brief abstract, and the contact author's name, address, phone number, fax number, and e-mail address.

Information: <http://www.cs.rice.edu/Conferences/LDI98/>.

*** 25-27 International Conference on Scientific Computing and Mathematical Modeling IMACS'98**, Alicante, Spain.

Conference Topics: Stiff computations, computational fluid dynamics, grid generation, mathematical biology, seismic data processing, environmental models, networking, recent algorithms for nonlinear partial differential equations and ordinary differential equations, parallel computing, molecular dynamics, computational physics and chemistry, engineering applications, structural mechanics modeling, optimization and queueing applications.

Invited Speakers: D. Bhardwaj (C-DAC, India), J. Cash (Imperial College, London, UK), E. Fernandez-Cara (Univ. de Sevilla, Spain), L. Fishman (Univ. of New Orleans, USA), J. Fleckinger (Univ. of Toulouse, France), B. Garcia-Archilla (Spain), B. Hon (Hong Kong), J. Kansa (Lawrence Livermore Natl. Lab, USA), Milovanovic (Univ. of NIS, Serbia), M. Onofri (Univ. of Rome, Italy), J. J. N. Roig (Spain), D. Schultz (Univ. of Wisconsin, Milwaukee), J. Thompson (Mississippi State Univ. USA), J. Zeibarth (NASA-Ames, USA).

Call for Papers: We invite articles for presentation. Detailed abstracts of three pages, including figures and tables, should be submitted to organizing chairperson by January 10, 1998. All abstracts will be reviewed.

Organizers: S. K. Dey, Department of Mathematics, Eastern Illinois University, Charleston, IL 61920; tel: 217-581-5727; fax: 217-581-6384; e-mail: cfskd@eiu.edu; J. M. Ferrandiz, Dept. de Analisis Matematico y Matematica Aplicada, Universidad de Alicante, P.O. Box 99, E-03080 Alicante, Spain; tel: 34-6-590-3731; fax: 34-6-590-3804; e-mail: jm.ferrandiz@ua.es.

Important Dates: Abstract due: January 10, 1998; notification of acceptance: March 1, 1998; final papers due: April 30, 1998.

*** 28-July 3 Conference on Computer-Aided Verification (CAV'98)**, Vancouver, British Columbia.

Topics: Modeling and specification formalisms, algorithms and tools, verification techniques, applications and case studies, verification in practice.

Submission: Submissions are invited in two categories. (1) Regular papers: Submission of a regular paper should be an extended abstract not exceeding ten pages. The submission should contain original research and sufficient detail to assess the merits and relevance of the contribution. (2) Tool presentations: Tool submission should be an abstract not exceeding four pages. The same page limit (four) applies to the conference proceedings. The submission should describe the tool and its novel features. Authors may submit papers as self-contained PostScript files via anonymous ftp to <ftp://ftp.cs.ubc.ca>, directory pub/incoming, e-mailing notification to cav98-submit@cs.ubc.ca. Alternatively, authors may submit a paper by e-mailing a self-contained PostScript version to the same address. Deadline for submissions is January 9, 1998.

Program Committee: M. Abadi, R. Alur, A. Bouajjani, J. Burch, O. Coudert, W. Damm,

D. Dill, L. Fix, P. Godefroid, M. Gordon, O. Grumberg, A. Hu (co-chair), D. Jackson, B. Jonsson, K. Larsen, K. McMillan, D. Peled, C. Pixley, A. Pnueli, C. Seger, N. Shankar, J. Sifakis, P. Sistla, F. Somenzi, M. Vardi (co-chair), Y. Wolfsthal.

*28–July 3 **The Third St. Petersburg Workshop on Simulation**, St. Petersburg, Russia. **Program:** The workshop will be devoted to the development and application of sophisticated mathematical techniques to the solution of actual problems in stochastic simulation and applied statistics, especially in experimental design.

Call for Papers: Original papers on workshop topics are solicited. Authors should submit two hard copies (no more than six pages) typed in a one-column format and an electronic version in LaTeX (using 11pt style) by December 30, 1997. Proceedings will be available to the participants at the beginning of the workshop. To participate without presentation of a paper, it is necessary to send a completed registration form by March 30, 1998.

Organizers: W. E. Biles, e-mail: webile01@ulkyvm.louisville.edu; V. V. Fedorov, e-mail: fedorov@welsun.epm.ornl.gov; V. Melas, e-mail: Viatcheslav.Melas@pobox.spbu.ru; W. K. Wong, e-mail: wk Wong@sun.sunlab.ph.ucla.edu.

Information: The full list of organizing committee members and additional information can be found on the WWW: <http://www.niimm.sbp.su/>.

*29–July 3 **Arakelov Theory, Values of L -Functions**, Newton Institute, Cambridge, United Kingdom.

Organizers: J. Nekovář and C. Soulé.

Topics: Among the topics to be addressed are: the Gross-Zagier formula and its generalizations, regulators, diophantine approximation, Arakelov geometry.

Participants: J.-B. Bost, C. Deninger, H. Gillet, A. B. Goncharov, M. Harris, S. Kudla, K. Künnemann, M. McQuillan, A. Moriwaki, A. N. Parshin, B. Perrin-Riou, P. Salberger, N. Schappacher, A. J. Scholl, Yu. Tschinkel, P. Vojta, S. Zhang.

Information: Applications to be sent to: H. Dawson, Isaac Newton Institute, 20 Clarkson Road, Cambridge, CB3 0EH, UK; e-mail: h.dawson@newton.cam.ac.uk. Closing date for applications: March 31, 1998.

July 1998

*5–10 **15th International Conference on Automated Deduction (CADE-15)**, Lindau, Germany.

Topics: CADE is the major forum for the presentation of new research in all aspects of automated deduction. Original research papers, descriptions of systems, and problem sets that provide innovative, challenging tests for automated deduction systems are solicited. Logics of interest include propositional, first-order, higher-order, equational, classical, modal,

temporal, dynamic, intuitionistic, constructive, linear, type theory, and meta-logics. Methods encompass resolution, tableaux, connection, unification, paramodulation, term rewriting, constraints, decision procedures, induction, and model checking. Applications cover hardware and software development, systems verification, deductive databases, logic and functional programming, computer mathematics including algebra and geometry, and deductive aspects in artificial intelligence. Special topics of interest involve logical frameworks, proof translation, human-computer interfaces, distributed deduction, and search heuristics.

Program Chairs: C. Kirchner, H. Kirchner.

Conference Chair: W. Bibel.

Program Committee: F. Baader, D. Basin, W. Bibel, H. Comon, G. Dowek, H. Ganzinger, F. Giunchiglia, S. Grumberg, J. Hsiang, D. Kapur, C. Kirchner, H. Kirchner, C. Kreitz, C. Lynch, D. McAllester, M. Okada, L. Paulson, N. Shankar, A. P. Sistla, J. Slaney, M. Wallace, D. Wang, S. Watt.

Submissions: Deadline: January 5, 1998. Papers must be original and not submitted for publication elsewhere. Research papers can be up to 15 proceedings pages; system descriptions can be up to 4 pages and should be entitled "System Description: . . .". Submission will be electronic, in PostScript format. Papers should be compressed, then unencoded and e-mailed to the program chairs (cade-15@loria.fr). Details on the procedure and alternatives can be found at the CADE-15 Web site, <http://www.th-darmstadt.de/cade-15/>. If electronic submission is not possible, 5 hard copies should be sent to the program chairs. The letter or e-mail message accompanying the paper must contain a plain text abstract of about 200 words and the names, e-mail addresses, and postal addresses of all authors.

Call for Workshops and Tutorials: Tutorials and workshops will run on July 5 and 6, and a special symposium "Deduction as a Cross-Sectional Technology" will be held on Friday, July 10. Workshops will ordinarily run a whole day, and tutorials for half a day. Workshops may have the same topic as those of previous workshops, and this practice is encouraged. Tutorials may be introductory, intermediate, or advanced.

Workshop or Tutorial Submissions: Anyone wishing to organize a workshop or tutorial in conjunction with CADE-15 should send (e-mail preferred) a proposal no longer than 2 pages to the program chairs (see above) by February 15, 1998, at the address: cade-15@loria.fr. The proposal should describe the topic of the proposed workshop or tutorial and explain why the topic is relevant to CADE. Proposals will be evaluated by the program committee, and decisions will be made by March 16, 1998. Further information about the arrangements for workshops and tutorials can be obtained from the CADE-15 Web site.

*6–10 **International Conference on Ordered Algebraic Structures and Related Areas (OAS '98)**, The Center for Chinese and American Studies, Nanjing University, Nanjing, P. R. China.

Objectives: This conference will highlight significant recent developments in ordered algebraic structures and related areas. The aims of the conference are to bring together researchers working in these areas and to provide a forum for the participants to meet and jointly explore unsolved problems of common interest in an informal atmosphere. The following areas will be emphasized: ordered groups and infinite permutation groups; other ordered algebraic structures (including semilattices, lattices, ordered sets, ordered semigroups, ordered rings, and ordered modules, etc.); and semigroups, groups, and universal algebra. Researchers in neighboring areas whose interests fit the general aims of the conference are encouraged to participate.

Program: The scientific program of the conference will consist of plenary hour lectures and special sessions of 30-minute contributed talks.

Organizers: P. Conrad (Lawrence, USA), K. Denecke (Potsdam, Germany), M. Giraudet (Paris, France), W. C. Holland (Bowling Green, USA, chair), A. C. Kim (Pusan, South Korea), V. Kopytov (Novosibirsk, Russia), N. Y. Medvedev (Altai, Russia), I. Rival (Alberta, Canada), K. P. Shum (Hong Kong, China), D.-R. Ton (Nanjing, China), C. Tsinakis (Nashville, USA).

Deadlines: Deadline for registration: March 1, 1998; deadline for submitting abstracts: May 1, 1998.

Information: D.-R. Ton, dao-rong@public1.ptt.js.cn; or: 29-305, 3 Xikang Road, Nanjing, 210024, P. R. China. Current conference information is available on the OAS '98 Web page: <http://www.math.vanderbilt.edu/oas98/>.

*6–17 **Mathematical Models in Population Biology and Epidemiology: From Elementary to the Frontier**, University of Wyoming, Laramie, Wyoming.

Program: The application of mathematics to biology is a rapidly expanding area, and we will present an introduction to this topic. This will include both the formulation of models in population biology and epidemiology and the mathematical analysis of these models. Examples at both the elementary and advanced levels will be presented. Mathematical topics will include qualitative analysis of autonomous differential equations and systems, difference and delay equations. Applications will include continuous and discrete populations for single and interacting species, general compartmental models in epidemiology, interaction of demographic and epidemiological effects, and behavioral effects in sexually transmitted diseases. Simulations making use of Mathematica and Maple will be included for illustration of qualitative behavior.

Speakers: F. Brauer (Univ. of Wisconsin), C. Castillo-Chavez (Cornell Univ.), and D. Sanchez (Texas A&M Univ.).

Sponsors: Rocky Mountain Mathematics Consortium and the Univ. of Wyoming. NSF support pending.

Deadline: For application/call for papers: April 1, 1998.

Information: A. D. Porter, Mathematics Department, Univ. of Wyoming, Laramie, WY 82081; e-mail: adporter@UWYO.EDU.

* 12-August 1 **IAS/Park City Mathematics Institute**, Park City, Utah.

Topic: The 1998 research topic is Representation Theory of Lie Groups. The summer session is open to researchers, undergraduate faculty, researchers in mathematics education, graduate students, undergraduate students, and high school mathematics teachers.

Organizers: J. Adams (Univ. of Maryland) and D. Vogan (MIT).

Graduate Summer School Lecturers: A. Knapp (SUNY at Stony Brook); J.-S. Li (Univ. of Maryland); K. Vilonen (Brandeis Univ.); D. Vogan (MIT); R. Zierau (Oklahoma State Univ.).

Undergraduate Program Lecturers: W. Barker (Bowdoin College); R. Howe (Yale Univ.).

High School Teacher Program Lecturers: N. Fisher (Univ. of Illinois at Chicago); C. Hays (McCallum High School, Austin, Texas); J. King (Univ. of Washington); J. Polking (Rice Univ.), and P. J. Sally (Univ. of Chicago).

Deadline: For applications: February 15, 1998.

Information: PCMI Summer Session applications are available by contacting IAS/PCMI, Institute for Advanced Study, Olden Lane, Princeton, NJ 08540; 1-800-726-4427; e-mail: pcmi@math.ias.edu. Applications and brochure are also available on the Internet: <http://www.ias.edu/park.htm>.

* 13-17 **International Colloquium on Automata, Languages, and Programming (ICALP'98)**, Aalborg, Denmark.

Topics: Computability, automata, formal languages, new computing paradigms, term rewriting, analysis and design of algorithms, computational geometry, computational complexity, symbolic and algebraic computation, cryptography and security, data types and data structures, theory of databases and knowledge bases, semantics of programming languages, program specification and verification, foundations of functional and logic programming, parallel and distributed computation, theory of concurrency, theory of robotics, theory of logical design and layout.

Submissions: Authors are invited to submit seven copies of an extended abstract not exceeding 12 pages by January 14, 1998. Electronic submission of papers is solicited. Instructions can be found at <http://www.cs.auc.dk/icalp98/submit.html>. In addition, suggestions for workshops are

invited. These must be sent by December 1, 1997, to K. G. Larsen, ICALP'98, Dept. of Computer Science, Aalborg Univ., Fredrik Bajers Vej 7E, DK-9220 Aalborg, Denmark; e-mail: icalp98-subm@cs.auc.dk.

Invited Speakers: M. Abadi, G. Brassard, T. A. Henzinger, M. Overmars, A. Pnueli, L. G. Valiant, A. Wigderson.

Program Committee: S. Albers, M. de Berg, G. Boudol, J. Bradfield, R. Cramer, P.-L. Curien, P. Degano, F. Fich, J.-P. Jouanaud, K. G. Larsen (chair), B. Monien, M. Paterson, E. Robinson, A. Salomaa, S. Skyum (vice-chair), B. Steffen, A. Tarlecki, M. Thorup, F. Vaandrager, U. Vaccaro, G. Winskel (vice-chair), S. Zaks.

Information: <http://www.cs.auc.dk/icalp98/>.

* 13-17 **1998 SIAM Annual Meeting**, University of Toronto, Toronto, Ontario, Canada.

Information: Participate now! Visit <http://www.siam.org/meetings/an98/an98home.htm> to access the meeting, call for papers, and registration information, or contact meetings@siam.org.

* 19-24 **International Symposium on Optical Science, Engineering, and Instrumentation, Vision Geometry VII (SD91)**, San Diego, California.

Conference Chairs: L. J. Latecki (Univ. Hamburg); R. A. Melter (Long Island Univ.); A. Y. Wu (American Univ.).

Program Committee: A. D. Gross, T. Y. Kong, J. Koplowitz, D. M. Mount, F. Rhodes, I. Stojmenovic.

Keynote Speaker: G. Herman (Univ. of Pennsylvania).

Aim: This conference is designed to bring together workers who use geometric theory and techniques to solve problems related to computer vision. Specific solutions as well as overviews of more general topics are welcome.

Abstracts: Abstracts are solicited on the following topics: digital geometry and topology, geometry-based image segmentation, morphology related to vision, computational geometry related to vision, convexity problems in vision. To submit an abstract electronically, use our online submission form at http://www.spie.org/forms/sd98_submission_form.html.

Deadlines: Paper abstracts due from authors: December 22, 1997 (postmeeting proceedings); manuscripts due from authors: June 22, 1998 (postmeeting proceedings); the complete calls for papers will be available on or before October 13, 1997, at <http://www.spie.org/info/sd/>.

Participant Registration Fee: Authors and coauthors are accorded a reduced symposium registration fee. Participants who attend the symposium and pay the reduced fee may also apply for a six-month, nonvoting membership in SPIE if never before a member (membership includes *OE Reports* and *Optical Engineering Journal*). Details are available at the on-site registration desk or by contacting SPIE Member

Services: membership@spie.org, or by calling 360-676-3290 and asking for member records.

October 1998

* 22-23 **SIAM Workshop on Mathematical Foundations for Features in CAD, Engineering, and Manufacturing**, Somerset Inn, Troy, Michigan.

Organizer: D. Field (General Motors Corp.). **Information:** We invite you to participate in this workshop. For more information about the workshop, or how to submit a minisymposium proposal, or to contribute a presentation, visit <http://www.siam.org/meetings/cd98/cd98home.htm>, or contact meetings@siam.org.

The following new announcements will not be repeated until the criteria in the next to the last paragraph at the bottom of the first page of this section are met.

April 1999

* 17-19 **Weekend Algebra Conference**, University of Southern Mississippi, Hattiesburg, Mississippi.

Organizers: T. H. Fay, e-mail: thfay@m Mozart.st.usm.edu; W. Hornor, e-mail: william_hornor@bull.cc.usm.edu; G. L. Walls, e-mail: gary.walls@usm.edu.

Information: In keeping with the tradition of the annual regional algebra conferences, talks (20-30 minutes) in all areas of algebra are welcome. Graduate students are particularly encouraged to attend. Also in keeping with the tradition of these conferences, no funding is available for travel expenses. Those interested in attending this conference are requested to contact the organizers to indicate their level of participation (speaking, attending, bringing students, being put on mailing list for future announcements, etc.). Potential speakers should notify one of the organizers of their interest by giving a tentative title of their talk. This information is helpful in planning for the traditional social functions (dinner, picnic, coffee and doughnuts, etc.).

March 2001

* 16-18 **AMS Southeastern Sectional Meeting**, University of South Carolina, Columbia, South Carolina.

Information: R. Cascella, e-mail: rgc@ams.org.