
Mathematics Calendar

The most comprehensive and up-to-date Mathematics Calendar information is available on e-MATH at <http://www.ams.org/mathcal/>.

June 2005

1–3 **Workshop on PDE and Harmonic Analysis**, Norwegian University of Science and Technology, Trondheim, Norway. (May 2005, p. 566)

1–4 **ACMS 15th Biennial Conference**, Huntington College, Huntington, Indiana. (Feb. 2005, p. 289)

1–4 **Classics in PDE: A meeting in Honor of Nina Nikolaevna Uraltseva 70th Birthday**, KTH, Stockholm, Sweden. (May 2005, p. 566)

1–5 **10th International Conference Mathematical Modelling and Analysis and 2nd International Conference Computational Methods in Applied Mathematics**, Trakai, Lithuania. (Apr. 2005, p. 473)

1–5 **Stochastic Modeling in Financial Mathematics** (joint with SAMS), Centre de Recherches Mathématiques, Université de Montréal, Montréal, Québec, Canada. (Aug. 2004, p. 834)

2–10 **Seventh International Conference on Geometry, Integrability and Quantization with a special session on Multisymplectic Geometry and Classical Field Theory**, Sts. Constantine and Elena resort (near Varna), Bulgaria. (Feb. 2005, p. 289)

4 **8th Annual Workshop on Applications and Generalizations of Complex Analysis**, University of Aveiro, Aveiro, Portugal. (May 2005, p. 566)

* 4–8 **International Conference on Nonlinear Waves, Integrable Systems and Their Applications**, University of Colorado at Colorado Springs, Colorado Springs, Colorado.

Information: <http://math.uccs.edu/~soliton>.

4–8 **International Conference on Scientific Computing (ICSC05)**, Nanjing, P. R. China. (Oct. 2004, p. 1096)

4–9 **Second International Conference on Abstract and Applied Analysis: ICAAA 2005**, Quy Nhon, Vietnam. (May. 2005, p. 567)

5–9 **Representation Theory, Geometry and Automorphic Form. International Conference in honor of J. Bernstein's 60th birthday**, Tel-Aviv University, Tel-Aviv, Israel. (May 2005, p. 567)

5–10 **31st International Conference "Applications of Mathematics in Engineering and Economics"**, Sozopol, Bulgaria. (Apr. 2005, p. 473)

5–July 21 **Joint Summer Research Conference**, Snowbird Resort, Snowbird, Utah. (May 2005, p. 567)

6–8 **Nonlinear Partial Differential Equations and Applications: Conference in honor of Jim Serrin on the occasion of the awarding of the title of Doctor Honoris Causa of Université François Rabelais**, Faculty of Sciences-Université, François Rabelais-Tours, France. (Feb. 2005, p. 289)

6–8 **SEM Annual Conference & Exposition on Experimental and Applied Mechanics**, Marriott Portland Downtown, Portland, Oregon. (May 2004, p. 576)

6–10 (REVISED) **International Mediterranean Congress of Mathematics Almeria 2005**, Almeria, Spain. (Dec. 2004, p. 1377)

6–10 **Moduli Spaces of Properly Embedded Minimal Surfaces**, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2004, p. 693)

6–11 **14th Summer St. Petersburg Meeting in Mathematical Analysis**, Euler IMI, St. Petersburg, Russia. (Feb. 2005, p. 289)

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 **eight 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/July, 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 the AMS website on the World Wide Web. To access the AMS website, use the URL: <http://www.ams.org/>.

- *6–11 **CIME Conference: Enumerative invariants in algebraic geometry and string theory**, Cetraro (Cosenza), Italy.
Lectures (Six hours each): D. Abramovich, Brown University, Providence, Gromov-Witten invariant for orbifolds; M. Marino, CERN, Geneva, Switzerland, Open strings; M. Thaddeus (Columbia), Moduli of sheaves; R. Vakil (Stanford), Gromov-Witten theory and the moduli space of curves.
Information: <http://www.math.unifi.it/~cime/Courses/2005/01.html>.
- 6–24 **Summer School and Conference on Geometry and Topology of 3-Manifolds**, ICTP, Trieste, Italy. (Apr. 2005, p. 473)
- 7–10 **SIAM Conference on Mathematical and Computational Issues in the Geosciences**, Palais des Papes, The International Conference Center, Avignon, France. (Nov. 2004, p. 1265)
- 7–12 **25th Great Plains Operator Theory Symposium (GPOTS-05)**, University of Central Florida, Orlando, Florida. (Feb. 2005, p. 289)
- 7–17 **Fields Institute Summer School on Operator Algebras**, University of Ottawa, Ottawa, Ontario, Canada. (Nov. 2004, p. 1265)
- 8–10 **Eleventh Conference on Integer Programming and Combinatorial Optimization (IPCO XI)**, Berlin, Germany. (Dec. 2004, p. 1377)
- 8–11 **Second Advanced Course in Operator Theory and Complex Analysis**, Seville, Spain. (Apr. 2005, p. 473)
- 8–11 **IMA Workshop: Effective Theories for Materials and Macromolecules**, University of Minnesota, Minneapolis, Minnesota. (Jun/Jul. 2004, p. 693)
- 8–12 **Computability in Europe 2005 (CiE 2005): New Computational Paradigms**, Amsterdam, The Netherlands. (Feb. 2005, p. 289)
- 10–11 (REVISED) **Cryptology Conference**, University of Central Oklahoma, Edmond, Oklahoma. (May 2005, p. 567)
- 10–12 **Groups, Rings and Algebras—A Conference in Honor of Donald S. Passman**, University of Wisconsin, van Vleck Hall, Madison, Wisconsin. (Jan. 2005, p. 80)
- 10–15 **Summer School on Harmonic, Wavelet, P-adic analysis**, Quy Nhon, Vietnam. (May 2005, p. 567)
- 12–24 **Foliations 2005**, Lodz, Poland. (Sept. 2004, p. 973)
- 12–July 23 **DIMACS Reconnect Conferences 2005: Reconnecting Teaching Faculty to the Mathematical Sciences Research Enterprise**, DIMACS, CoRE Building, 4th Floor, Rutgers, the State University of New Jersey, 96 Frelinghuysen Road, Piscataway, New Jersey. (Feb. 2005, p. 290)
- *13–14 **DIMACS Workshop on Information Processing by Protein Structures in Molecular Recognition**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.
Description: In this workshop we discuss the development of algorithms for discovery of spatial patterns important for recognition, for uncovering deep evolutionary relationship of proteins, for predicting binding partners, and for simulating the protein-protein and protein-DNA recognition process. We hope further development in these areas will be likely to formulate new research problems and motivate new algorithms in combinatorics, optimization, discrete mathematics, mathematical programming, and additional areas.
Organizer: Bhaskar DasGupta, University of Illinois at Chicago, email: dasgupta@cs.uic.edu; Jie Liang, University of Illinois at Chicago, email: jliang@uic.edu.
Local Arrangements: Maria Mercado, DIMACS Center, email: mercado@dimacs.rutgers.edu, 732-445-5928.
Information: <http://dimacs.rutgers.edu/Workshops/InformationProcessing/>.
- 13–17 **Boundaries in Geometric Group Theory**, AIM Research Conference Center, Palo Alto, California. (Jan. 2005, p. 80)
- 13–17 **Recent Developments and Open Questions in Iwasawa theory (in honor of Ralph Greenberg's 60th birthday)**, Boston University, Boston, Massachusetts. (Apr. 2005, p. 474)
- 13–18 **Computational Methods and Function Theory (CMFT 2005)**, Joensuu, Finland. (Feb. 2004, p. 279)
- 13–25 (REVISED) **CIMPASummerSchoolAGAHF 2005—Arithmetic and Geometry around Hypergeometric Functions**, Galatasaray University, Ortakoy, Istanbul, Turkey. (Aug. 2004, p. 834)
- *14–17 **2005 World Conference on Natural Resource Modeling**, Humboldt State University, Arcata, California.
Theme: Getting the Details Right, Modeling for the Management of Complex Systems.
Description: This multidisciplinary conference is being sponsored by the Resource Modeling Association to provide a forum for new developments in modeling and analysis of natural resource systems, particularly ecological, economic and management aspects in forestry, fisheries, wildlife, agriculture, ecosystem and biodiversity conservation, and management of multiple use resources.
Deadlines: Submission of Abstracts & Early Registration May 1, 2005.
Organizers: Roland H. Lamberson, Math Dept, HSU, Arcata, California; email: rma2005@humboldt.edu.
Speakers: John Goss-Custard, Centre for Ecology and Hydrology, Dorchester, United Kingdom; Carlos Castillo-Chavez, Arizona State University; Steve Railsback, Mathematics Department, Humboldt State University.
Information: <http://www.humboldt.edu/~ecomodel/conference2005/index.htm>.
- 14–18 **Random Media and Stochastic Partial Differential Equations**, University of Southern California, Los Angeles, California. (Apr. 2005, p. 474)
- 15–18 **Algebraic and Topological Methods in Non-classical Logics II**, University of Barcelona, Barcelona, Spain. (Apr. 2005, p. 474)
- *16–18 **Current Geometry**, Naples, Italy.
Scientific Committee: E. Arbarello (Roma), F. Baldassarri (Padova), U. Bruzzo (Trieste), F. Catanese (Bayreuth), C. Ciliberto (Roma), A. Collino (Torino), M. Cornalba (Pavia), C. De Concini (Roma), B. Dubrovin (Trieste), L. van Geemen (Pavia), P. Griffiths (Princeton), V. Kac (Boston), K. O'Grady (Roma), C. Procesi (Roma), J. Stasheff (Chapel Hill), A. M. Vinogradov (Salerno).
Organizing committee: G. Sparano (Salerno), A. M. Vinogradov (Salerno), R. Vitolo (Lecce).
Contact: email: sparano@bridge.diima.unisa.it. Prof. A. M. Vinogradov, Dipartimento di Matematica e Informatica, Univ. di Salerno, Via Ponte del Melillo, 84084 Fisciano (SA), Italy.
Information: <http://diffiety.ac.ru/conf/curgeo05/index.html>.
- 16–19 **Second Joint International Meeting with the Deutsche Mathematiker-Vereinigung (DMV) and the Oesterreichische Mathematische Gesellschaft (OMG)**, Mainz, Germany. (May 2004, p. 576)
- 17–23 (NEW DATE) **Algebraic Geometry and Number Theory**, Euler IMI, St. Petersburg, Russia. (Feb. 2005, p. 290)
- 19–24 **33rd Canadian Operator Symposium (COSy), dedicated to George Elliott's 60th birthday**, University of Ottawa, Ottawa, Ontario, Canada. (Nov. 2004, p. 1265)
- 19–24 **First Announcement: Conference on Applied Mathematics and Scientific Computing 4: On the occasion of Professor Aganovic's 70th birthday**, Brijuni, Croatia. (Nov. 2004, p. 1265)
- 19–24 **Conference on Applied Mathematics and Scientific Computing 4: On the occasion of Professor Aganovic's 70th Birthday**, Brijuni, Croatia. (Nov. 2004, p. 1265)

20–22 **DIMACS Workshop on Detecting and Processing Regularities in High Throughput Biological Data**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Dec. 2004, p. 1377)

20–24 **Second Conference on Self-Similarity and Applications**, INSA Toulouse, Toulouse, France. (Aug. 2004, p. 834)

20–24 **The Fourth International Conference on High Dimensional Probability (HDP)**, St. John's College, Santa Fe, New Mexico. (Feb. 2005, p. 290)

20–25 **Asymptotic and Probabilistic Methods in Geometric Group Theory**, Geneva, Switzerland. (Jun/Jul. 2004, p. 693)

20–25 **FPSAC'05 : 17th Annual Conference on Formal Power Series and Algebraic Combinatorics**, Taormina, Sicily (Italy). (Dec. 2004, p. 1377)

20–26 **Sixth International Conference "Symmetry in Nonlinear Mathematical Physics"**, Institute of Mathematics, National Academy of Sciences of Ukraine, Kyiv (Kiev), Ukraine. (Dec. 2004, p. 1377)

20–July 8 (REVISED) **Random matrices, random processes, and integrable systems (C.R.M. Short Program)**, Centre de recherches mathématiques, Université de Montréal, Montréal. (Nov. 2004, p. 1265)

20–July 15 **Clay Mathematics Institute Summer School: Ricci Flow, 3-Manifolds and Geometry**, MSRI, Berkeley, California. (Feb. 2005, p. 290)

*20–August 12 **Summer Program for Undergraduate Students in Computational Biology**, University of Maryland, Baltimore, Maryland.

Topics: Student scholars select a research topic in Bioinformatics or Computational Neurobiology.

Structure: There will be preparatory workshops, work on a significant research project, and preparation and delivery of a report and scientific poster. There will also be various educational and social activities with other undergraduate researchers, including a summer GRE prep course and the 2005 UMBC Summer Undergraduate Research Fest.

Sponsor: Funded by the NSF as a Research Experiences for Undergraduates (REU) site.

Deadline: April 30th.

Information: For information on student scholar benefits and stipends, eligibility and application requirements, and to send application: Dr. Jonathan Bell, SPCB Program Director; Dept. of Mathematics and Statistics; UMBC; Baltimore, MD 21250; or email: jbell@math.umbc.edu.

20–August 15 **Computational Prospects of Infinity**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Jun/Jul. 2004, p. 693)

21–24 **International Workshop on Function Theory in Seoul**, Korea University, Seoul, Korea. (Apr. 2005, p. 474)

21–24 **MAM 5—Fifth International Conference on Matrix Analytic Methods in Stochastic Models**, Pisa, Italy. (Sept. 2004, p. 974)

22–24 **Inverse Problems, Multi-Scale Analysis and Homogenization**, Seoul National University, San56-1 Shinrim-dong, Kwanak-gu, Seoul 151-747, Korea. (May 2005, p. 567)

22–24 **Logic, Game Theory and Social Choice 4**, University of Caen, Caen, France. (Apr. 2005, p. 474)

22–25 **International Seminar "Control Theory and Theory of Generalized Solutions of Hamilton-Jacobi Equations" (CGS-2005)**, Institute of Mathematics and Mechanics of the Ural Branch of the Russian Academy of Sciences, Yekaterinburg (Ekaterinburg), Russia. (May 2005, p. 567)

25–July 1 **The Twentieth IEEE Symposium on Logic In Computer Science (LICS 2005): Call for Workshop Proposals**, Chicago, Illinois. (Feb. 2005, p. 290)

26–29 **12th International Linear Algebra Society Conference**, Regina Inn Hotel and Conference Centre, Regina, Canada. (Dec. 2004, p. 1378)

26–July 1 **ERLOGOL-2005: Intermediate Problems of Model Theory and Universal Algebra**, State Technical University/Mathematics Institute, Novosibirsk, Russia. (Jun/Jul. 2004, p. 694)

26–July 1 **30th Conference on Stochastic Processes and Their Applications**, University of California at Santa Barbara (UCSB), Santa Barbara, California. (Jun/Jul. 2004, p. 694)

*26–July 2 **Topological and variational methods of nonlinear analysis and their applications (TVMNA2005)**, Voronezh, Russia. **Topic:** The work of conference will be divided into 8 sections: Contemporary topology and its applications. Variational methods. Topological methods in non-linear problems of partial differential equations. The theory of set-valued mappings and differential inclusions. Dynamical systems, differential and functional-differential equations. Global and stochastic analysis and applications to mathematical physics. Mathematical modeling; Contemporary problems of education in mathematics.

Organizer: Voronezh State University, M. V. Lomonosov Moscow State University, Moscow State University of Communications, Moscow State Institute of electronics and mathematics (Technical University).

Information: <http://www.vsu.ru/activity/infoletters.do?mid=2&aid=180>; email: confer@alg.vsu.ru.

27–30 **14th International Scientific Congress CNIC 2005: 40 Years at the Service of Science and Technology**, Havana, Cuba. (May 2005, p. 567)

27–July 1 **Algebraic K- and L-theory of Infinite Groups**, ICMS, Edinburgh, Scotland. (Apr. 2005, p. 474)

*27–July 1 **International Workshop on Dynamic Equations on Time Scales in Memory of Bernd Aulbach**, Istanbul, Turkey.

Aim: The workshop focuses on various aspects related to dynamic equations on time scales. This theory handles the continuous case (differential equations) and the discrete case (difference equations) simultaneously and extends them to many other dynamic equations.

Organizers: M. Bohner (Rolla), A. Celebi (Ankara), M. Unal (Istanbul), Y. Akyildiz (Istanbul).

Supporters: Bahcesehir University and TUBITAK (National Science Foundation of Turkey).

Plenary Speakers: M. Bohner (Rolla, USA); O. Dosly (Brno, Czech Republic); S. Elaydi (San Antonio, USA); G. Guseinov (Ankara, Turkey); S. Hilger (Eichstatt, Germany); D. Lutz (San Diego, USA); A. Ruffing (Munich, Germany); C. Tisdell (Sydney, Australia).

Information: <http://www.fed.bahcesehir.edu.tr/workshop/>; email: bohner@umr.edu or munal@bahcesehir.edu.tr.

27–July 1 **Nonlinear Modelling and Control, An International Seminar**, Nayanova University, Samara, Russia. (Feb. 2005, p. 290)

*27–July 2 **CIME Conference: Calculus of variations and nonlinear partial differential equations**, Cetraro (Cosenza), Italy.

Lectures (5 hours each): Luigi Ambrosio, Scuola Normale Superiore, Pisa, Italy, Transport equation and Cauchy problem for non-smooth vector fields; Luis A. Caffarelli, University of Texas at Austin, Homogenization methods for non divergence equations; Michael Crandall, University of California at Santa Barbara, The infinity-Laplace equation and elements of the calculus of variations in L-infinity; Craig L. Evans, University of California at Berkeley, Weak KAM theory and partial differential equations; Pierre-Louis Lions, Université de Paris Dauphine, France, From atomic physics to non linear elasticity: A mathematical approach.

Information: <http://www.math.unifi.it/~CIME>.

27–July 5 **Probability and Mathematical Physics**, Centre de recherches mathématiques, Montréal, Québec, Canada. (Apr. 2005, p. 474)

28–July 1 **DAYS on DIFFRACTION–2005**, St. Petersburg Branch of Steklov’s Math. Inst. and St. Petersburg Univ., St. Petersburg, Russia. (Dec. 2004, p. 1378)

30–July 2 **Primeras Jornadas de Teoría de Números**, EPSVG-UPC, Vilanova i la Geltrú (Barcelona), Spain. (Apr. 2005, p. 474)

July 2005

2–7 **SRTL-4: The Fourth International Research Forum on Statistical Reasoning, Thinking, and Literacy**, The University of Auckland, Auckland, New Zealand. (Jun/Jul. 2004, p. 694)

2–9 **Mile High Conference on Quasigroups, Loops and Nonassociative Systems**, University of Denver, Denver, Colorado. (Nov. 2004, p. 1266)

3–9 **XXIvièmes Journées Arithmétiques**, Marseilles, France. (Sept. 2004, p. 975)

4–8 **8th International Symposium on “Generalized Convexity and Monotonicity”**, Insubria University, Varese, Italy. (Dec. 2004, p. 1378)

4–8 **Conference on Universal Algebra and Lattice Theory**, University of Szeged, Szeged, Hungary. (Dec. 2004, p. 1378)

4–8 **MODELLING 2005 - Third IMACS Conference on Mathematical Modelling in Applied Sciences and Engineering**, University of West Bohemia, Pilsen, Czech Republic. (May 2005, p. 567)

6–23 **35th Saint-Flour Probability Summer School**, Saint-Flour, France. (May 2005, p. 568)

4–8 **Workshop on Coagulation-Fragmentation Processes: Theory and Applications**, International Centre for Mathematical Sciences, Edinburgh, UK. (May 2005, p. 568)

7–9 **OTFUSA2005: Conference on Operator Theory, Function Spaces and Applications–Dedicated to the 60th birthday of Frank-Olme Speck**, Department of Mathematics, University of Aveiro, Aveiro, Portugal. (May 2005, p. 568)

9–11 **Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and the Institute of Mathematical Statistics (IMS)**, Beijing, China. (Aug. 2004, p. 834)

9–15 **Nonlinear dispersive wave phenomena**, Anogia Academic Village, Crete, Greece. (Apr. 2005, p. 474)

10–13 **The 20th Summer Conference on Topology and Its Applications**, Denison University, Granville, Ohio. (Jan. 2005, p. 80)

* 10–13 **Workshop and Conference on Probability, Financial Derivatives, and Asset Pricing**, University of Virginia, Charlottesville, Virginia.

Description: This will be a very broad workshop/conference on quantitative Finance, with some emphasis on topics from probability, such as Levy process modeling, or the use of characteristic functions. Other topics may relate to probability in less direct ways, and in most cases will be more directly focused what is generally considered the subject of Finance. The workshop portion will include talks accessible to advanced graduate students.

Workshop/Conference Speakers: Wake Epps (University of Virginia), Dilip Madan (University of Maryland), Ken Singleton (Stanford University).

Conference Speakers: Gurdip Bakshi (University of Maryland), David Bates (University of Iowa), Nick Bollen (Vanderbilt University), Robert Jarrow (Cornell University), Stewart Mayhew (SEC), Alex Szimayer (University of Western Australia).

Organizers: Patrick Dennis, Wake Epps, Jeff Holt, Leonard Scott (all at University of Virginia).

Sponsors: Institute of Mathematical Science, University of Virginia; Department of Mathematics, University of Virginia; Bankard Foundation; McIntire School of Commerce, University of Virginia.

Financial Support: Support for local expenses is available, with preference given to graduate students and junior researchers.

Information: <http://conferences.math.virginia.edu/finance/>; email: finance@conferences.math.virginia.edu.

10–14 **12th International Conference on Mathematical Modelling and Applications (ICTMA12)**, City University, London, England. (Jan. 2004, p. 64)

10–15 **20th British Combinatorial Conference**, University of Durham, United Kingdom. (Sept. 2004, p. 975)

10–15 **Counting Complexity: An International Workshop on Statistical Mechanics and Combinatorics: In Celebration of the 60th Birthday of Tony Guttmann**, Dunk Island, Queensland, Australia. (Apr. 2005, p. 474)

10–15 **SampTA05 (Sampling Theory and applications)**, Ondokuz Mayıs University Samsun, Turkey. (Nov. 2004, p. 975)

10–16 **Stochastic Modelling of Complex Systems (SMOCS-05)**, Daydream Island resort (Whitsundays, Queensland, Australia). (Nov. 2004, p. 1266)

10–17 **Dimitsana Summer School on Stochastic Differential Geometry and Applications in Finance**, Thermo Aitolookarnanias, Greece. (May 2005, p. 568)

10–23 **Cornell Summer School in Probability**, Cornell University, Ithaca, New York. (Aug. 2004, p. 834)

11–14 **Sixth SIAM Conference on Control and its Applications**, Hilton New Orleans Riverside Hotel, New Orleans, Louisiana. (Dec. 2004, p. 1378)

* 11–14 **Workshop on D-Modules and Hypergeometric Functions**, Faculty of Sciences of Lisbon University, Lisbon, Portugal.

Organizers: Alicia Dickenstein (Buenos Aires), Teresa Monteiro Fernandes (Lisbon), Claude Sabbah (Paris).

Topics: Interaction between D-Modules and Hypergeometric Functions in the generalized sense. Eduardo Cattani and Claude Sabbah give two short courses based on the work now well known as GKZ. This workshop aims to be useful for Ph.D. students as well as for researchers on related areas.

Information: <http://caul.cii.fc.ul.pt/DModHyp>.

* 11–15 **2005 SIAM Annual Meeting**, New Orleans, Louisiana.

Information: <http://www.siam.org/meetings/an05/>.

11–15 **Gravitational Lensing in the Kerr Spacetime Geometry**, AIM Research Conference Center, Palo Alto, California. (Nov. 2004, p. 1266)

11–15 **Novi Sad Algebraic Conference 2005**, University of Novi Sad, Novi Sad, Serbia/Serbia and Montenegro. (Apr. 2005, p. 474)

11–16 **Strings 2005, Toronto**, University of Toronto, Toronto, Ontario, Canada. (Nov. 2004, p. 1266)

11–22 **SMS 2005-NATO Advanced Summer Institute: Equidistribution in Number Theory**, Université de Montréal, Montréal, Canada. (Apr. 2005, p. 475)

16–August 1 **The Eighth International Diffiety school**, Santo Stefano del Sole (Avellino), Italy. (Apr. 2005, p. 475)

17–30 **Advances in Sensing with Security Applications: A NATO Advanced Study Institute**, Ciocco Resort, Tuscany. (Jan. 2005, p. 81)

18–22 **Algorithms for Approximation V**, University College, Chester, UK. (Nov. 2004, p. 1266)

18–22 **VI Brazilian Workshop on Continuous Optimization**, West Side Hotel Residence, Av. República do Líbano, 2526, Setor Oeste,

in Goiânia, Brazil. (Jan. 2005, p. 81)

18–24 **Methods of Logic in Mathematics 2005**, Euler International Mathematical Institute, St. Petersburg, Russia. (May 2005, p. 568)

*20–23 **Asian Mathematical Conference 2005 (AMC2005)**, National University of Singapore, Singapore.

Topics: Algebra and Group Theory, Algebraic Geometry, Analysis, Applications of Mathematics in Sciences, Combinatorics and Graph Theory, Computing/Logic, Differential Equations, Geometry and Topology, Lie Theory, Mathematics Education, Number Theory & Applications, Numerical Analysis, Operations Research, Probability & Stochastic Processes, Scientific Computation, Statistics.

Plenary Speakers: Noga Alon (Israel); Tony F. Chan (USA); Ching-Shui Cheng (USA/Taiwan); Chi Tat Chong (Singapore); Martin Golubitsky (USA); Lei Guo (China); Masaki Kashiwara (Japan); Ngaiming Mok (Hong Kong SAR).

Information: <http://ww1.math.nus.edu.sg/AMC/>; email: amc2005@math.nus.edu.sg.

20–27 **The 5th International Algebraic Conference in Ukraine**, Odessa I. I. Mechnikov National University, Odessa, Ukraine. (Nov. 2004, p. 1266)

22–27 **AMSJ Workshop entitled “Noncommutative Geometry and Index Theory”**, Australian National University, Canberra, Australia. (Feb. 2005, p. 291)

23–29 (REVISED) **Number fields and curves over finite fields**, Anogia Academic Village, Crete, Greece. (Apr. 2005, p. 475)

24–27 **International Symposium in Symbolic and Algebraic Computation ISSAC’2005**, Beijing, China. (Feb. 2005, p. 291)

24–28 **25th European Meeting of Statisticians**, University of Oslo, Oslo, Norway. (Dec. 2004, p. 1379)

*24–August 5 **Control Theory with Modeling Applications to Physiology and Medicine**, University of Graz, Schloss Seggau, Austria.

Information: http://www.uni-graz.at/biomath/summer_school/index.html.

25–29 **IMA Workshop: Mixed Integer Programming**, University of Minnesota, Minneapolis, Minnesota. (Jun/Jul. 2004, p. 694)

25–30 **First Announcement: International Conference on Difference Equations, Special Functions and Applications**, Munich, Germany. (Feb. 2005, p. 291)

25–August 12 **Summer Research Institute on Algebraic Geometry**, University of Washington, Seattle, Washington. (May 2005, p. 568)

28–August 3 **Logic Colloquium ’05: ASL European Summer Meeting**, Athens, Greece. (Oct. 2004, p. 1097)

30–August 6 **Groups St Andrews 2005**, University of St Andrews, St Andrews, Scotland. (Jan. 2005, p. 81)

31–August 3 **Bridges: Mathematical Connections in Art, Music, and Science**, The Banff Centre, Banff, Canada. (Jan. 2005, p. 81)

August 2005

Mathematical Modeling of Infectious Diseases: Dynamics and Control, Institute for Mathematical Sciences, National University of Singapore, Singapore 118402. (May 2005, p. 568)

1–5 **14th USENIX Security Symposium**, Baltimore, Maryland. (May 2005, p. 568)

1–9 **XVI Coloquio Latinoamericano de Algebra**, Colonia, Uruguay. (Apr. 2005, p. 475)

1–December 23 **Pattern Formation in Large Domains**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 834)

2–6 **Eighth IMS North American New Researchers Conference**, Minneapolis, Minnesota. (Jan. 2005, p. 81)

*2–17 **International Workshop on Representation Theory in Differential Geometry and Physics**, Country Institut de Mathématiques et de Sciences Physiques (IMSP), PortoNovo, Benin Republic, West Africa.

Organisers: K. Brown (University of Glasgow, UK); J. P. Ezin, (IMSP, PortoNovo, Benin Republic); A. O. Kuku (Ohio State University, Columbus, USA).

Major speakers: Will each give six expository lectures: I. Gordon (University of Glasgow, UK); A. Kirillov (University of Pennsylvania, USA); S. Majid (Queen Mary College, Univ. of London, UK); J. Rawnsley, (University of Warwick, Coventry, UK).

Information: Jean-Pierre Ezin, Director, IMSP, BP 613, PortoNovo, Benin Republic; Phone/fax (229) 222455 or Phone: (229) 925959; email: jpezin1@yahoo.fr.

3–5 **DIMACS Workshop on Yield Management and Dynamic Pricing**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Dec. 2004, p. 1379)

3–5 **30th Sapporo Symposium on Partial Differential Equations**, Sapporo, Japan. (Apr. 2005, p. 475)

*3–6 **XV Capricornio Mathematical Congress**, Universidad de Antofagasta, Antofagasta, Chile.

Topics: Algebra, Physical Mathematical, Control Theory, Partial Differential Equation, Matrix Theory, Numerical Analysis, Differential Geometry, Industrial Statistics, Educational Mathematical and others.

Deadline: May 31, 2005.

Speakers: Justin Peters, Iowa State University; Gustavo Perla Menzala, LNCC, Brazil; Carlos Marijuan, Universidad de Valladolid, Spain; Miriam Pisonero, Universidad de Valladolid, Spain; Juan Carlos Gutierrez, Universidad de Sao Paulo, Brazil; Juan Rivera, Universidad Católica del Norte, Chile; Oscar Rojo, Universidad Católica del Norte, Chile; Carlos Conca, CMM Universidad de Chile; Roberto Cominetti, CMM Universidad de Chile; Rodolfo Rodriguez, Universidad de Concepción, Chile; Claudio Fernández, Pontificia Universidad Católica de Chile; Héctor Gómez, Universidad de Atacama, Chile; Rolando Rebolledo, Pontificia Universidad Católica de Chile.

Information: <http://www.uantof.cl/comca2005>.

*4–5 **Beyond The Formula IX “Constantly Improving the Teaching of Introductory Statistics”**, Monroe Community College, Rochester, New York.

Program: Beyond the Formula is a two-day conference intended for all teachers of Introductory Statistics (2-yr & 4-yr college and AP & non-AP HS). It is planned for all, the novice as well as the experienced. This year’s focus is on teaching techniques and classroom teaching strategies. There will also be sessions on assessment strategies/techniques, use of technology, service learning and writing across the curriculum, to name a few. Please visit our website for a full listing.

Speakers: These sessions are being led by Jessica Utts, UC Davis; Deb Nolan, UC Berkeley; Dick DeVeaux, Williams College; Mark Earley, Bowling Green State, and many others.

Information: <http://www.monroecc.edu/go/beyondtheformula>; email: BeyondTheFormula@MonroeCC.edu or phone: 585-292-2930.

5–11 **Logic In Hungary, 2005**, Budapest, Hungary. (Apr. 2005, p. 475)

7–12 **High-dimensional Partial Differential Equations in Science and Engineering**, Centre de recherches mathématiques, Université de Montréal Montréal, Québec, Canada. (Apr. 2005, p. 475)

7–12 **International Conference: Mathematics in Finance**, Kruger-National Park, South Africa. (Dec. 2004, p. 1379)

8–12 **NSF-CBMS Regional Conference on Algebraic and Topological Combinatorics of Ordered Sets**, San Francisco State University, San Francisco, California. (Apr. 2005, p. 475)

8–13 **XX Nevanlinna Colloquium**, ETH Lausanne, Lausanne, Switzerland. (Nov. 2004, p. 1266)

8–December 23 **Global Problems in Mathematical Relativity**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 834)

14–19 **International Conference on Complex Analysis and Related Topics: The 10th Romanian-Finnish Seminar**, “Babes-Bolyai” University, Cluj-Napoca, Romania. (Apr. 2005, p. 475)

* 15–17 **DIMACS Workshop on Machine Learning Approaches for Understanding Gene Regulation**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.

Description: This three-day workshop is designed to encourage interaction among innovators in computational biology and innovators in machine learning; to illuminate recent successes as well as pressing challenges; and to inspire the development of novel, biologically relevant, and biologically interpretable machine learning approaches to the current problems in biology.

Organizer: Christina Leslie, Columbia University, email: cleslie@cs.columbia.edu; Chris Wiggins, Columbia University, email: chris.wiggins@columbia.edu.

Local Arrangements: Maria Mercado, DIMACS Center, email: mercado@dimacs.rutgers.edu, 732-445-5928.

Information: <http://dimacs.rutgers.edu/Workshops/MachineLearning/>.

15–19 **Eisenstein Series and Applications**, AIM Research Conference Center, Palo Alto, CA. (May 2005, p. 569)

15–19 **Workshop on PDE and and Mathematical Finance**, Institut Mittag-Leffler, Stockholm, Sweden. (May 2005, p. 569)

17–21 **Third Pacific Rim Conference on Mathematics**, Fudan University, Shanghai, China. (Apr. 2005, p. 476)

* 20–22 **6th International Pure Mathematics Conference 2005**, Islamabad, Pakistan.

Description: The 6th International Pure Mathematics Conference 2005 (6th IPMC 2005) is a thematic conference on Algebra, Geometry, Analysis, and Mechanics. The entire conference is organized under one roof at a four-star hotel in the modern, peaceful, and beautiful federal capital of Pakistan located at the footsteps of the scenic Margalla Hills. There will be free housing and lodging for foreign participants. Several recreational trips will be organized in and around Islamabad introducing the unique local and multi-ethnic culture.

Information and registration: Please fill in the on-line registration form at <http://www.pmc.org.pk> and find more information therein. The conference is convened by Qaiser Mushtaq in collaboration with Mathematics Division, Institute of Basic Research (Florida, USA), Higher Education Commission, Pakistan Telecommunication Ltd, and Pakistan Mathematical Society.

20–26 **Algebraic and Geometric Combinatorics**, Anogia Academic Village, Crete, Greece. (Apr. 2005, p. 476)

* 22–27 **International Symposium on Analytic Function Theory, Fractional Calculus and their Applications: In Honour of Professor H. M. Srivastava on his 65th Birthday**, University of Victoria, Victoria, British Columbia, Canada.

Organizers: S. Owa (Kinki Univ., Higashi-Osaka, Japan; email: owa@math.kindai.ac.jp); T. Sekine (Nihon Univ., Chiba, Japan; email: tsekine@pha.nihon-u.ac.jp); H. Nishiwaki (Slow Mathematics Incorporated, Kyoto, Japan).

Information: Ms. Merina Brisdon (Univ. of Victoria, Victoria, British Columbia, Canada); email: merina@math.uvic.ca.

* 27–29 **CCA 2005, Second International Conference on Computability and Complexity in Analysis**, Kyoto University, Kyoto, Japan.

Scope: Theory of computability and complexity over real-valued data.

Deadlines: Submission: May 1, 2005; Notification: June 5, 2005; Camera-ready version: July 3, 2005; Satellite seminars and reception: August 25–26, 2005; Main conference: August 27–29, 2005.

Information: <http://cca-net.de/cca2005>.

28–September 2 **5th Conference on Differential Geometry**, Mangalia, Romania. (May 2005, p. 569)

29–31 **Algebraic Methods and Applications in Dynamical Systems—Special session in the 5th IASTED International Conference on Modeling, Simulation, and Optimization (MSO 2005)**, Oranjestad, Aruba. (May 2005, p. 569)

29–September 2 **Numerical Methods for Optimal Control in High Dimensions**, AIM Research Conference Center, Palo Alto, CA. (May 2005, p. 569)

* 29–September 3 **CIME Conference: SPDE in hydrodynamics: recent progress and prospects**, Cetraro (Cosenza), Italy.

Lectures (8 hours each): Sergio Albeverio, Bonn University, Germany, Deterministic and Stochastic models of hydrodynamics; Franco Flandoli, Università di Pisa, Italy, Statistics of vortex filaments: From the Navier-Stokes equations to the laws of turbulence; Yakov G. Sinai, Princeton University, Mathematics of Navier-Stokes system.

Information: <http://www.math.unifi.it/~CIME>.

September 2005

5–8 **8th International Conference on Logic Programming and Nonmonotonic Reasoning (LPNMR'05)**, Diamante, Cosenza, Italy.

5–9 **IVth International Workshop on Functional Analysis**, Liège, Belgium. (May 2005, p. 569)

5–9 **Workshop on: Modular Forms, Automorphic Forms and Related Moduli Spaces**, INdAM-institute on the campus of the Università di Roma “La Sapienza”, Rome, Italy. (Mar. 2005, p. 371)

5–11 **The Seventh International Workshop on Differential Geometry and its Applications**, Deva, Romania. (Feb. 2005, p. 291)

* 8–10 **Fabes Lectures 2005: First Announcement**, Università di Trieste, Trieste, Italy.

Speakers: The following speakers have accepted to contribute with a talk: Russell Brown (University of Kentucky), Luis Escauriaza (EHU, Bilbao), Hyeonbae Kang (Seoul National University), C. Kenig (University of Chicago), R. Magnanini (Firenze), A. Morassi (Udine), L. Paivrintă (Rolf Nevanlinna-Institute, Helsinki), Alberto Ruiz Gonzalez (Universidad Autonoma, Madrid), J. K. Seo (Yonsei University, Seoul), G. Uhlmann (University of Washington, Seattle).

Organizers: Giovanni Alessandrini, Università di Trieste, Italy; Sandro Salsa, Politecnico di Milano, Italy.

Information: The relevant information shall be posted in due time on the web page <http://www.dmi.units.it/~rondi/fabes/>. Those interested in attending are invited may write to: email: rondi@units.it.

* 10–13 **36th Annual Iranian Mathematics Conference**, Department of Mathematics, Yazd University, Yazd, Iran.

Description: The Annual Iranian Mathematics Conference (AIMC) is the oldest scientific gathering which takes place regularly each year at one of Iranian universities.

Sponsors: The Iranian Mathematical Society and Yazd University have jointly sponsored the 36th AIMC. This conference is an international conference and includes invited speakers and presentations of contributed research papers.

Deadlines: June 5, 2005: Registration and extended abstract submission. July 5, 2005: Complete paper submission. Registered

participants who wish their paper to be published in the conference proceedings must submit their paper.

Information: If you have any questions and to get the announcement for the AIMC36, please send an email to: B. Davvaz, Chairman of Scientific Committee; email: aimc36@yazduni.ac.ir; davvaz@yazduni.ac.ir.

12-15 **Third International Workshop Meshfree Methods for Partial Differential Equations**, Rheinische Friedrich-Wilhelms Universität Bonn, Bonn, Germany. (Apr. 2005, p. 476)

12-16 **p-Adic Representations**, Centre de recherches mathématiques, Univ. de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 476)

12-16 **CASC'2005: The 8th International Workshop on Computer Algebra in Scientific Computing, CASC'2005**, Kalamata, Greece. (Apr. 2005, p. 476)

12-17 **International Conference on Mathematical Analysis of Random Phenomena**, Hotel Abou Nawas Hammamet, Hammamet, Tunisia. (May 2005, p. 569)

12-19 **Small Deviation Probabilities and Related Topics**, Euler IMI, St. Petersburg, Russia. (Feb. 2005, p. 291)

13-17 **5th International Conference on Words**, Centre de recherches mathématiques, Université de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 476)

16-20 **International Conference of Numerical Analysis and Applied Mathematics 2005 (ICNAAM 2005)**, Hotel Esperides, Rhodes, Greece. (Feb. 2005, p. 291)

* 18-23 **The 11th Workshop on Graph Theory-Colourings, Independence and Domination**, Karpacz, Poland.

Organizers: Organized by the Faculty of Mathematics, Computer Science and Econometrics of University of Zielona Góra, Poland.
Organizing committee: Mieczyslaw Borowiecki, Alina Szelecka; email: cid@wmie.uz.zgora.pl; <http://www.cid.uz.zgora.pl>.

* 18-24 **XII EWM (European Women in Mathematics)**, Volgograd, Russia.

Information: Associate secretary: Tatiana Vassilieva; email: ewm@volstu.ru; <http://ewm.volstu.ru/>.

* 19-21 **French Moroccan Meeting on Approximation and Optimization**, Faculty of Sciences of Rabat, Morocco.

Scope: Of this meeting covers a range of major topics in Numerical Analysis, Optimization, also in Approximation and Engineering and related disciplines, ranging from theoretical developments to industrial applications and modelling of problems.

Organizer: Faculty of Sciences of Rabat (Morocco), Mohammadia School of Engineers (Morocco), Hassania School Public works (Morocco), National School of Mineral Industry (Morocco), University Paul Sabatier Toulouse (France), National Institut of Applied Sciences Toulouse France). Programme Committee: M-N. Benbourhim (UPS Toulouse, France), M. CHIDAMI (FSR Rabat, Morocco), R. Ellaia (EMI Rabat, Morocco), L. Ghannam (UPS Toulouse, France), A. Hassouni (FSR Rabat, Morocco), A. ISMAIL (EHTP Casablanca, Morocco), K. Najib (ENIM Rabat, Morocco), C. Rabut (INSA Toulouse, France).

Deadline: With abstract: May 19, 2005.

Information: Address: Universite Mohammed V, Faculte Des Sciences, Avenue Ibn Batouta, B.P. 1014, Rabat, Morocco; email: rfmao@fsr.ac.ma; phone: 212 (0) 37775471; <http://www.fsr.ac.ma/rfmao/>.

19-23 **IMA Tutorial: Radar and Optical Imaging**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

20-22 **International Conference: Problems of Modern Mathematics and Mechanics**, Institute of Mathematics, Almaty, Kazakhstan. (May 2005, p. 569)

20-27 **International Conference Harmonic Analysis and Approximations, III**, Tsahkadzor, Armenia. (Apr. 2005, p. 477)

21-26 **International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005)**, Hotel Poseidon, Loutraki, Korinthos, Greece. (May 2005, p. 570)

26-30 **49th Annual Meeting of the Australian Mathematical Society**, The University of Western Australia, Perth, Australia. (Jan. 2005, p. 82)

* 27-30 **Workshop on Graphs, Morphisms and Applications**, Centre de Recerca Matemàtica, Bellaterra, Spain.

Tentative list of participants: J. Barajas, M. Bodirsky, P. Cameron, V. Dalmau, J. Diaz, J. Fiala, G. Hahn, P. Hell, W. Imrich, J.B. Jensen, A.V. Kostochka, D. Kral, J. Kratochvil, H. Lefmann, A. Lladó, M. Loeb, L. Lovasz, C. McDiarmid, B. Mohar, A. Montejano, J. Moragas, R. Naserasr, M. Noy, P. Ossona, A. Raspaud, V. Rödl, M. Ruzinko, M.J. Serna, E. Sopena, C. Szabo, Cl. Tardif, J.A. Telle, D. Thililós, B. Toft, G.J. Woeginger and X. Zhu.

Information: <http://www.crm.es/> or email: WorkshopGraphs@crm.es.

October 2005

* 3-7 **2nd Workshop on Tutte Polynomials and Applications**, Centre de Recerca Matemàtica, Bellaterra, Spain.

Tentative list of participants: M. Bousquet-Mélou, P. Cameron, R. Cordovil, R. Cori, J.E. Ellis-Monaghan, G. Farr, I. Gitler, L. Helme-Guizon, P. Hlineny, B. Jackson, J.P. Kung, M. Las Vergnas, M. Loeb, J. Makowsky, C. Merino, R. Read, D. Rossin, J. Salas, I. Sarmiento, G. Schaeffer, R. Shrock, A. Sokal and D.G. Wagner.

Information: <http://www.crm.es/> or email: WorkshopTutte@crm.es.

7-8 **Twenty-Fifth Annual Southeastern-Atlantic Regional Conference on Differential Equations**, University of Dayton, Dayton, Ohio. (May 2005, p. 570)

* 7-9 **19th Midwest Conference on Combinatorics, Cryptography and Computing**, Department of Mathematics, Rochester Institute of Technology, Rochester, New York.

Keynote speaker: P. Winkler (Dartmouth College).

Invited Speakers: Walter Wallis (Southern Illinois University), Earl Glen Whitehead, Jr., (University of Pittsburgh), Eric Mendelsohn (University of Toronto), Jon Lee (IBM), Ruth Haas (Smith College), Ralph Grimaldi (Rose Hulman Institute of Technology).

Organizers: Hossein Shahmohamad, R.I.T., Ebrahim Salehi, UNLV, Darren Narayan, R.I.T., Carl Lutzer, R.I.T., Bernard Brooks, R.I.T.

Deadline: For submission of contributed talks: September 28, 2005.

Contact person: Hossein Shahmohamad, email: hxssma@rit.edu.
Information: <http://www.math.rit.edu/~cvlisma/MCCCC/>.

8-9 **AMS Eastern Section Meeting**, Bard College, Annandale-on-Hudson, New York. (Dec. 2004, p. 1379)

* 14-15 **Prairie Analysis Seminar 2005**, Kansas State University, Manhattan, Kansas.

Description: This is the fifth in a series of annual conferences co-organized by Kansas State University and the University of Kansas.

Speakers: Carlos Kenig (University of Chicago) will give two one-hour lectures. James Colliander (University of Toronto) and Alexandru Ionescu (University of Wisconsin) will each give an hour lecture. There will be sessions for contributed talks.

Sponsor: The conference is co-sponsored by the Mathematical Sciences Research Institute, Berkeley, and the National Science Foundation.

Information: There is no registration fee and support is available for participants. See <http://www.math.ksu.edu/pas/2005/prairie05-index.html>.

15–16 **AMS Southeastern Section Meeting**, East Tennessee State University, Johnson City, Tennessee. (Dec. 2004, p. 1379)

17–21 **IMA Workshop: Imaging from Wave Propagation**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

17–21 **Nonlinear Parabolic Problems**, Helsinki, Finland. (Jan. 2005, p. 82)

*18–20 **DIMACS Short Course: Statistical De-identification of Confidential Health Data with Application to the HIPAA Privacy Regulations**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.

Short Description: This two-and-a-half day short course will provide participants with a detailed overview of the HIPAA privacy regulations, theory and methods for statistical disclosure limitation, and applied experience with disclosure limitation methods. Participants completing the course should be able to: 1) understand the permissible uses of healthcare data for various purposes under the HIPAA regulations; 2) conceptualize and document data intrusion scenarios; 3) conduct and document statistical disclosure analyses measuring disclosure risks; 4) select and use appropriate disclosure limitation methods; 5) evaluate the associated trade-offs between disclosure risks and statistical information quality. Development of these skills should enable participants to supervise and work successfully with an expert certifying statistician.

Organizer: Larry Cox, CDC, email: lcox@cdc.gov; Daniel Barth-Jones, Wayne State University, email: dbjones@med.wayne.edu.

Local Arrangements: Maria Mercado, DIMACS Center, email: mercado@dimacs.rutgers.edu, 732-445-5928.

Information: <http://dimacs.rutgers.edu/Workshops/Hipaa/>;

20–22 **3rd Symposium on Stochastic Algorithms: Foundations and Applications (SAGA'05)**, Moscow State University, Moscow, Russia. (May 2005, p. 570)

21–22 **AMS Central Section Meeting**, University of Nebraska, Lincoln, Nebraska. (Dec. 2004, p. 1379)

21–26 **International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005)**, Hotel Poseidon, Loutraki, Korinthos, Greece. (Apr. 2005, p. 477)

24–26 **SIAM Conference on Mathematics for Industry: Challenges and Frontiers**, Detroit Marriott Renaissance Center, Detroit, Michigan. (Apr. 2005, p. 477)

24–28 **International Conference on Computing and Mathematical Modeling for Environmental, Social-Economical, and Technical Systems–2005**, East China Normal University, Shanghai, China. (Apr. 2005, p. 477)

30–November 3 **SIAM**, Hilton Phoenix East, Phoenix, Arizona. (May 2005, p. 570)

November 2005

3–4 (NEW DATE) **DIMACS Workshop on The Epidemiology and Evolution of Influenza**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Oct. 2004, p. 1096)

4–6 **Geometric and Probabilistic Methods in Group Theory and Dynamical Systems**, Texas A&M University, College Station, Texas. (Apr. 2005, p. 477)

7–11 **IMA Workshop: Frontiers in Imaging**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

12–13 **AMS Western Section Meeting**, University of Nebraska, University of Oregon, Eugene, Oregon. (Dec. 2004, p. 1379)

25–December 1 **Reform, Revolution and Paradigm Shifts in Mathematics Education**, Johor Bharu, Southern Malaysia (very close to Singapore). (Feb. 2005, p. 291)

*27–30 **ICDM '05: The 5th IEEE International Conference on Data Mining**, New Orleans, Louisiana.

Description: The conference draws researchers and application developers from a wide range of data mining related areas such as statistics, machine learning, pattern recognition, databases and data warehousing, data visualization, knowledge-based systems and high performance computing. As an important part of the conference, the workshops program will focus on new research challenges and initiatives, and the tutorials program will cover emerging data mining technologies and the latest developments in data mining.

Sponsor: IEEE Computer Society.

Deadline: June 15, 2005.

Important Dates: June 15, 2005: Paper submissions, Tutorial proposals, Workshop proposals, Panel proposals. August 20, 2005: Paper acceptance notices. September 7, 2005: Final camera-readies. November 27, 2005: Tutorials and Workshops. November 28–30, 2005: Conference.

All paper submissions will be handled electronically. Detailed instructions are provided on the conference home page at <http://www.cacs.louisiana.edu/~icdm05/>.

Information: Vijay Raghavan, University of Louisiana, Lafayette, Louisiana; phone: 337-482-6603; fax: 337-482-5791; email: raghavan@cacs.louisiana.edu.

*27–30 **Understanding and Creating Music: UCM 2005**, Caserta, Italy.

Topics: The subject of the UCM 2005 is Music, investigated by different approaches, namely: Mathematics, Physics; Artificial Intelligence; Cognitive Psychology of Music; Linguistics and Logic models; Algorithmic methods, sound granular synthesis etc.; Music performance via real-time devices and algorithmic procedures; Music and Fine Arts via computer graphics.

Program: The scientific programme will consist of 5 thematic sessions with plenary lectures (invited speakers) and contributed talks. On November 26, 2005, there will be a concert of electronic and computer music.

Information: More information (aims, committees, contributing institutions, submissions, deadlines, etc.) is available at the UCM 2005 Conference website: <http://www.unina2.it/capirelamusica.sun/>.

*28–December 3 **International Conference on Operator Algebras and their Connection to Mathematical Physics**, University Hassan I, Settat, Morocco.

Information: <http://www.math.uni-muenster.de/math/inst/reine/inst/cuntz/icoamp/index.htm>.

December 2005

5–9 **IMA Workshop: Integration of Sensing and Processing**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

5–9 **30th Australasian Conference in Combinatorial Mathematics and Combinatorial Computing (30ACCMCC)**, The University of Queensland, Brisbane, Australia. (May 2005, p. 570)

*12–15 **The Second International Conference on Technology, Knowledge and Society**, Hyderabad, India.

Description: The conference will take a broad and cross-disciplinary approach to technology in society. With a particular focus on digital information and communications technologies, the interests addressed by the conference include: human usability, technologies for citizenship and community participation, and learning technologies. Participants will include researchers, teachers and practitioners whose interests are either technical or humanistic, or whose work crosses over between the applied technological and social sciences.

As well as an impressive line up of international main speakers, the conference will also include numerous paper, workshop and

colloquium presentations. We would particularly like to invite you to respond to the conference call for papers. If you are unable to attend the conference in person, virtual registrations are also available which allow you to submit a paper for refereeing and possible publication in this fully refereed academic journal, as well as access to the electronic version of the conference proceedings. **Information:** Full details of the conference, including an online call for papers form, are to be found at the conference website: <http://www.Technology-Conference.com>.

* 27-30 **ASL Winter Meeting (with APA)**, New York, New York. **Abstracts:** Must be received by September 9, 2005 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

January 2006

* 3-7 **Moduli spaces of knots**, AIM Research Conference Center, Palo Alto, California. **Topics:** This workshop, sponsored by AIM and the NSF, will be devoted to the study of the global topology of spaces of embedded curves in Euclidean spaces and other manifolds. **Organizers:** Fred Cohen, Allen Hatcher, and Dev Sinha. **Deadline:** October 3, 2005. **Information:** <http://aimath.org/ARCC/workshops/spaceofknots.html>.

* 6-11 **Enumerative invariants in algebraic geometry and string theory**, Cetraro, Italy. **Lecture series:** Dan Abramovich (Brown): Gromov-Witten invariants for orbifolds; Marcos Mariño (CERN): Open strings; Michael Thaddeus (Columbia): Moduli of sheaves; Ravi Vakil (Stanford): Gromov-Witten theory and the moduli space of curves. **Information:** <http://www.math.unifi.it/~cime/Courses/2005/01.html>.

9-12 **IMA Workshop: New Mathematics and Algorithms for 3-D Image Analysis**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

9-June 30 **Principles of the Dynamics of Non-Equilibrium Systems**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

12-15 **Joint Mathematics Meetings**, San Antonio, Texas. (May 2005, p. 570)

* 14-15 **ASL Winter Meeting (with Joint Mathematics Meetings)**, San Antonio, Texas. **Abstracts:** Must be received by September 9, 2005 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

* 16-18 **5th Annual Hawaii International Conference on Statistics, Mathematics, and Related Fields**, Waikiki, Honolulu, Hawaii. **Goal:** Of the 2006 Hawaii International Conference on Statistics, Mathematics and Related Fields is to provide an opportunity for academicians and professionals from various statistics and/or mathematics related fields from all over the world to come together and learn from each other. An additional goal of the conference is to provide a place for academicians and professionals with cross-disciplinary interests related to statistics and mathematics to meet and interact with members inside and outside their own particular disciplines. **Deadline:** August 29, 2005. **Information:** On on web: click on Call for Papers for information on submitting a paper; email: statistics@hicstatistics.org.

16-27 **"Propagation of Waves" CIMPA school and workshop**, Instituto de Matemáticas, UNAM, Cuernavaca, Mexico. (Apr. 2005,

p. 478)

16-July 7 **Logic and Algorithms**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

* 23-27 **The property of rapid decay**, AIM Research Conference Center, Palo Alto, California.

Organizers: Indira Chatterji and Laurent Saloff-Coste. **Topics:** This workshop, sponsored by AIM and the NSF, will be devoted to the property of Rapid Decay.

The property of Rapid Decay (abbreviated by property RD) is a property of convolution operators that captures certain aspects of the asymptotic geometry of a finitely generated group. Property RD is a very focused area of research in harmonic analysis and operator algebra. However, it has ramifications in geometry, topology and algebra

Deadline: October 20, 2005.

Information: <http://aimath.org/ARCC/workshops/rapiddecay.html>.

* 30-February 3 **Mathematics-in-Industry Study Group 2005**, Massey University, Auckland, New Zealand.

Program: Australian and New Zealand Industrial Organisations will present problems for formulation, possible solution, and interpretation.

Director: Professor Graeme Wake, Centre for Mathematics in Industry, Massey university, Auckland, New Zealand.

Deadlines: Problems will be listed on the website by November 2005. Registration is free to problem investigators, with costs covered by problem presenters. Student grants available to bona fide research students, supported by their supervisors. Applications received up to November 2005.

Information: <http://misg2006.massey.ac.nz>.

* 30-February 3 **The Caccetta-Haggkvist conjecture**, AIM Research Conference Center, Palo Alto, California.

Organizers: Maria Chudnovsky, Matt Devos, Paul Seymour, and Robin Thomas.

Topics: This workshop, sponsored by AIM and the NSF, will focus on the Caccetta-Haggkvist conjecture, which in its simplest form asserts the following: If G is an n -vertex directed graph with minimum outdegree at least n/k , then G has a directed cycle of length at most k . This has a number of variants and strengthenings, and in particular it has numerous connections with additive number theory. The workshop aims to clarify and develop these variants, and to bring together people working on different aspects of the conjecture in the hope of finding a solution.

Deadline: October 30, 2005.

Information: <http://aimath.org/ARCC/workshops/caccetta.html>.

February 2006

6-10 **IMA Workshop: The Mathematics and Art of Film Editing and Restoration**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

* 13-17 **Barcelona Conference in Planar Vector Fields**, Centre de Recerca Matemàtica, Bellaterra, Spain.

Speakers: Freddy Dumortier, Lubomir Gavrilov, Yu Ilyashenko, Chengzhi Li, Francesc Mañosas, James S. Muldowney, Robert Roussarie, Marco Sabatini, Jorge Sotomayor, Marco Antonio Teixeira, Jiazhong Yang, Michal Zhitomirskii.

Information: <http://www.crm.es/> or email: PlanarVectorFields@crm.es.

13-18 **L-functions and Related Themes**, Centre de recherche mathématiques, Univ. de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 478)

* 20-24 **p-adic representations, modularity, and beyond**, AIM Research Conference Center, Palo Alto, California.

Organizers: Kiran Kedlaya and David Savitt.

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to interactions between p -adic Hodge theory, p -adic Langlands correspondences, and the modularity of Galois representations. The main goals of the workshop are to clarify the connections between the aforementioned fields, and to identify some target results for both the short and long term.

Deadline: For application: November 20, 2005.

Information: <http://aimath.org/ARCC/workshops/padicmodularity.html>.

*20–25 **Advanced Course on Arakelov Geometry and Shimura Varieties**, Centre de Recerca Matemàtica, Bellaterra, Spain.

Speakers: Ching-Li Chai (University of Pennsylvania), Henri Darmon (Mc Gill University), Damian Roessler (Université Paris 7).

Information: <http://www.crm.es/> or email: ShimuraVarieties@crm.es.

March 2006

6–10 **IMA Workshop: Natural Images**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

13–17 **Anatomy of Integers**, Centre de recherche mathématiques Université de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 478)

*20–30 **Functional Analysis**, Shiraz University, Shiraz, Iran.

Information: email: r_laghaei_84@yahoo.com.

April 2006

1–2 **AMS Southeastern Section Meeting**, Florida International University, Miami, Florida. (May 2005, p. 570)

3–7 **IMA Workshop: Shape Spaces**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

*3–8 **International Workshop on Multi-Rate Processes & Hysteresis**, University College Cork, Cork, Ireland.

Organizers: J. Gleeson (Cork, Ireland), M. Mortell (Cork, Ireland) (Co-Chairman), A. Pokrovskii (Cork, Ireland) (Co-Chairman); email: a.pokrovskii@ucc.ie.

Scientific Committee: R. O'Malley (Seattle, USA) (Co-Chairman), V. Sobolev (Samara, Russia), (Co-Chairman).

Description: The aim of this conference is to bring together leading researchers willing to learn and share problems and techniques related to the singular perturbations and hysteresis in applied problems.

Topics: singular perturbations; hysteresis; random effects and noise; economic dynamics; laser dynamics; chemical kinetics; optoelectronics; control.

Information: Further details will become available on the conference website <http://euclid.ucc.ie/murphys2006.htm>.

6–12 **Additive Combinatorics**, Centre de recherche mathématiques, Université de Montréal, Montréal, Québec. (Apr. 2005, p. 478)

8–9 **AMS Central Section Meeting**, University of Notre Dame, Notre Dame, Indiana. (May 2005, p. 570)

22–23 **AMS Eastern Section Meeting**, University of New Hampshire, Durham, New Hampshire. (May 2005, p. 570)

29–30 **AMS Western Section Meeting**, San Francisco State University, San Francisco, California. (May 2005, p. 570)

May 2006

*5–10 **Combinatorial and Geometric Group Theory**, Vanderbilt University, Nashville, Tennessee.

Organizers: Goulmira Arzhantseva, Mike Mihalik, Denis Osin, Mark Sapir, Efim Zelmanov.

Speakers: M. Bestvina (University of Utah), M. Bridson (Imperial College), R. Grigorchuk (Texas A & M), V. Guba (Vologda State University), S. Ivanov (University of Illinois), I. Mineyev (University of Illinois), A. Myasnikov (McGill University), V. Nekrashevich (Bremen), A. Olshanskii (Vanderbilt), D. Osin (Vanderbilt), E. Rips (Hebrew University of Jerusalem), D. Wise (McGill University), E. Zelmanov (UC San Diego)

Information: <http://www.math.vanderbilt.edu/~msapir/cggt/cggt.html>; email: m.sapir@vanderbilt.edu.

*8–19 **CANT 2006: Combinatorics, Automata and Number Theory**, University of Liege, Belgium.

Aim: The proposed international school is aimed at presenting and developing recent trends in Combinatorics (with emphasis on Combinatorics on Words), Automata Theory and Number Theory. On the one hand, the newest results in these areas shall benefit from a synthetic exposition, and on the other hand, emphasis on the connections existing between the main topics of the school will be sought. Concurrently to the school, there will be an international conference focusing on the same topics. Courses and lectures will be organized in the morning, while the afternoon sessions will be devoted to the conference.

Main Invited Speakers: J.-P. Allouche (CNRS, Univ. Paris-Sud), Y. Bugeaud (Univ. of Strasbourg), F. Durand (Univ. of Picardie, Amiens), P. Grabner (Techn. Univ. of Graz), J. Karhumäki (Turku Univ.), H. Prodinger (Univ. of Stellenbosch), J. Sakarovitch (CNRS, ENS Télécom.), J. Shallit (Univ. of Waterloo), B. Solomyak (Univ. of Washington), W. Thomas (RWTH Aachen).

Format: Five invited lecturers per week. Participants can decide to attend to one of the two weeks of this event. Talks will be selected on the basis of an extended abstract (max. 6 pages).

Deadline: For the submission of abstracts: April 1, 2006.

Information: <http://http://www.cant2006.ulg.ac.be>; email: M.Rigo@ulg.ac.be.

13–18 **Analytic methods for Diophantine equations**, Banff International Research Station, Banff, Alberta, Canada. (Apr. 2005, p. 478)

*17–21 **ASL Annual Meeting**, Montreal, Canada.

Abstracts: Must be received by February 10, 2006 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

22–26 **IMA Workshop: Visual Learning and Recognition**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

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.

June 2006

*12–16 **Function Theories in Higher Dimensions**, Tampere University of Technology, Tampere, Finland.

Topics: Clifford analysis and applications, Several complex variables, Harmonic analysis.

Organizing committee: Professor Sirkka-Liisa Eriksson, Tampere University of Technology, Finland; Heinz Leutwiler, Universität Erlangen-Nürnberg, Germany; Helmuth Malonek, University of Aveiro, Portugal; Mika Koskenoja, University of Helsinki, Finland; Soeren Krausshar, University of Ghent, Belgium; Katja Kaunistmaa (Secretary), Tampere University of Technology, Finland.

Information: The home pages of the conference will be updated at the following address: <http://www.tut.fi/fthd>.

*19–23 **Free Analysis**, AIM Research Conference Center, Palo Alto, California.

Organizers: Dimitri Shlyakhtenko and Dan Voiculescu.

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to the non-commutative analysis underlying problems in areas related to free probability theory. Typical examples of these are L_2 questions for free difference quotient derivations. The topics of the workshop are: Free entropy (the analog of entropy in free probability theory), L_2 Betti numbers for von Neumann algebras, Large deviations for random multi-matrix systems.

Deadline: March 19, 2006.

Information: <http://aimath.org/ARCC/workshops/freeanalysis.html>.

*25–28 **The Sixth AIMS Conference on Dynamical Systems, Differential Equations and Applications**, University of Poitiers, Poitiers, France.

Description: The conference will provide a unique international forum for the international community of mathematicians and scientists working in analysis, differential equations, dynamical systems, and their applications to real world problems in the forms of modeling and computation. The aim of this conference is to bring together the worldwide senior experts and young researchers as well to this beautiful city, Poitiers, to report recent achievements, exchange ideas, and address future trends of research, in a relaxing and stimulating environment. This is the first time ever for an AIMS conference to be held in the European continent. Sponsors: American Institute of Mathematical Sciences (AIMS) and University of Poitiers.

Topics: The conference covers all the major research areas in analysis, dynamics and applications including modeling and computations.

Format: There will be one-hour plenary talks, 30-minute special session talks, and 20-minutes contributed talks.

Conference Coordinator: Xin Lu; email: lux@uncw.edu.

Funding: Some limited funding from NSF is expected to support graduate students and young researchers.

Information: <http://www.aimSciences.org> for updates.

July 2006

*27–August 2 **ASL European Summer Meeting (Logic Colloquium '06)**, Nijmegen, Netherlands.

Abstracts: Rules for Abstracts (including those submitted by title) may be found at http://www.aslonline.org/rules_abstracts.html.

September 2006

*4–8 **Satellite Conference on Differential Equations and Singularities, in honor of J. M. Aroca's 60th birthday**, Tordesillas (Valladolid, Spain).

Topics: Resolution of singularities, local study of singularities, singular foliations, differential algebra, asymptotic analysis, and differential and geometrical study of dynamical systems.

Scientific Committee: Felipe Cano (Univ. Valladolid), Frank Loray (Univ. Rennes I), Juan Jose Morales (U. Politecnica Catalunya), Paulo Sad (IMPA), Mark Spivakovsky (Univ. Paul Sabatier).

Organizers: Jorge Mozo Fernández, José Cano and Fernando Sanz (Univ. Valladolid).

Confirmed speakers: H. Hironaka, Lê-Dung-Tràng, J. M. Lion, I. Luengo, J. F. Mattei, R. Moussu, J. V. Pereira, J. P. Ramis, J. P. Rolin, J. Seade, M. Singer, B. Teissier, H. Umemura, H. Yoshida.

Information: <http://www.uva.es/tordesillas2006>; email: sedf2006@ieip.uva.es.

December 2006

*16–20 **DION 2005: An International Conference on Diophantine Equations: in honour of Professor T. N. Shorey on his 60th Birthday**, Tata Institute of Fundamental Research, Mumbai, India.

Information: Conference is open to mathematicians working in Number Theory and allied areas. Interested persons may find information at: email: math.tifr.res.in; <http://www.math.tifr.res.in/~dion2005>.

*26–January 6, 2006 **CIMPA School on Commutative Algebra**, Institute of Mathematics, Hanoi, Vietnam.

Objective: The aim of the School is to introduce mathematicians from developing countries to some fundamental techniques and recent developments in Commutative Algebra and to promote the collaboration between mathematicians of different developing and developed countries.

Scientific program: The school will be divided into two parts. The first week (26 - 30.12.05) is a school with 4 instructional courses on the following topics: Local cohomology (M. Brodmann), Toric rings and varieties (D. Cox), Finite free resolutions (J. Herzog), Blow-up algebras (B. Ulrich). The second week (January 3–6, 2006) is devoted to an international conference. Besides invited lectures on recent development in Commutative Algebra, there will be opportunities for mathematicians from developing countries to present their research works.

Participation: The school and the conference are open to all mathematicians. The local organizers will arrange for visa and accommodation. Conference fees: 100 USD.

Support: There are a limited number of grants which cover travel and living expenses for mathematicians from developing countries.

Deadlines: Requests for participation and applications for support should be sent to the local coordinator before July 31, 2005.

Address for correspondences: L. T. Hoa, Institute of Mathematics, 18 Hoang Quoc Viet, 10307 Hanoi, Vietnam; Tel.: 0084-4-8361317 (Ext. 202); fax: 0084-4-7564303; email: cimpa@math.ac.vn.