December 2013

2–4 Quasilinear PDEs and Game Theory, Uppsala University, Uppsala, Sweden. (Oct. 2013, p. 1201)


3–5 6th Minimeeting on Differential Geometry, Center for Research in Mathematics (CIMAT), Guanajuato, Mexico. (Oct. 2013, p. 1201)

7–8 Infinite-Dimensional Geometry, University of California, Berkeley (740 Evans Hall), California. (Sept. 2013, p. 1104)


*8–14 Géo2. Géométrie et Analyse Microlocale, Kasdi Merbah University, Ouargla, Algeria.

Description: The purpose of this winter school is to bring together Ph.D. students and good Master, working in complex geometry, symplectic geometry, microlocal analysis and related fields to present important areas of current research. The Winter School is also an opportunity for young students to meet leading researchers in a relaxed atmosphere, and begin to build relationships with their peers.

Information: http://sites.google.com/site/mygeometries/

13–15 International Conference on Special Functions & their Applications (ICCSA 2013) and symposium on “Applications in Diverse Fields of Engineering and Technology”, Department of Mathematics, Malviya National Institute of Technology, J.L.N. Marg, Jaipur-302017, Rajasthan, India. (Nov. 2013, p. 1397)

*16 DIMACS Workshop on Algorithms for Green Data Storage, DIMACS Center, CoRE Building, Rutgers University, Piscataway, New Jersey, 08854-8018.

Description: A large body of recent literature proposes using erasure and network coding as a more bandwidth and storage efficient way to provide reliability and accessibility of stored content. These smart storage algorithms promise to significantly cut data-center energy use, but have so far been studied and evaluated mostly in simplified theoretical settings, without taking into account all systems issues that may arise by introducing the algorithms into practical storage systems. The working group and workshop intend to bring experts in coding and queueing theory for distributed storage together with distributed storage systems experts in order to better understand and find ways to evaluate how well the practice would match the theoretical predictions of energy savings. Furthermore, other problems that arise in data storage practice and could potentially benefit from smarter algorithms will be presented.

Organizers: Emina Soljanin, Bell Labs, emina@research.bell-labs.com. Presented under the auspices of the Special Focus on Energy and Algorithms.

Local Arrangements: Workshop Coordinator, DIMACS Center, workshop@dimacs.rutgers.edu, 732-445-5928

Information: http://dimacs.rutgers.edu/Workshops/Green/.

16–18 International Conference on Role of Statistics in the Advancement of Science and Technology, Department of Statistics, University of Pune, Pune, Maharashtra, India. (Sept. 2013, p. 1104)


16–19 International Conference on Advances in Applied Mathematics, Hammamet, Tunisia. (Sept. 2013, p. 1105)

16–20 Fundamental Groups in Arithmetic and Algebraic Geometry, Centro di Ricerca Matematica Ennio De Giorgi, Pisa, Italy. (Mar. 2013, p. 363)

16–20 2013 Taiwan International Conference on Geometry, National Taiwan University, Taipei, Taiwan. (Oct. 2013, p. 1201)

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 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. 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 appeared 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/.

*17-20 International Conference on Mathematics Education and Mathematics in Engineering and Technology, Mohandas College of Engineering & Technology (MCET), Anand, Gujarat, India. (Nov. 2013, p. 1105)

*17-20 Marrakesh International Conference on Probability and Statistics (MICPS-2013), Marrakesh, Morocco. (Sept. 2013, p. 1105)

*18-20 6th Indian International Conference on Artificial Intelligence, Tumkur (near Bangalore), India. (May 2013, p. 655)


*21-22 The International Congress on Science and Technology, Allahabad, U.P., India. (Sept. 2013, p. 1105)

*21-23 7th International Conference of IMBIC on “Mathematical Sciences for Advancement of Science and Technology” (MSAST 2013), Hotel Indismart, Kolkata, India. (Sept. 2013, p. 1105)

*24-26 International Conference on “Recent Advances in Mathematical Sciences and Applications” (ICRAMSA-2013), University Institute of Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India. (Sept. 2013, p. 1105)


*29-31 International Conference on Computer Analysis of the Problems of Science and Technology, Tajik National University, Dushanbe, Tajikistan.

Description: International Conference on Computer Analysis of the Problems of Science and Technology.

Topics: Mathematical and computer analysis of the problems of crisis, the risk of accidents and turbulence in the living and non-living systems; mathematical aspects of computer science; problems of computer and information security.

Information: http://www.yunusi.tj.

January 2014

*3-5 International Symposium on Analysis and Applications, Centro Vacacional IMSS Metepec, Atlizco, Puebla, Mexico.

Description: The International Symposium on Analysis and Applications 2014 (ISAA 2014) is organized by the Analysis Group at Universidad Autónoma Metropolitana, Iztapalapa, Mexico. Its aim is to discuss recent developments in the study of evolution equations, their invariant states and the asymptotic behavior of their solutions, including; quantum Markov semigroups, non-linear evolution equations, quantum dispersion theory and mathematical finance. Another aim is to introduce graduate and undergraduate students as well as young researchers to the above topics and others that are relevant in Mathematical Analysis.

Information: http://isaa.iizt.uam.mx.

5-7 ACM-SIAM Symposium on Discrete Algorithms (SODA14), being held with Analytic Algorithmics and Combinatorics (ANALCO14) and Algorithm Engineering and Experiments (ALENEX14), Hilton Portland & Executive Tower, Portland, Oregon. (Dec. 2012, p. 1597)

*6-10 Mathematics of Social Learning, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Sept. 2013, p. 1106)


*6-17 Introduction to Categorification, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada.

Description: This mini-course will serve to introduce students to the new and exciting field of categorification.


15-18 Joint Mathematics Meetings, Baltimore, Maryland. (Sept. 2013, p. 1106)

*16-18 Mathematical Challenges in Ophthalmology, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Sept. 2013, p. 1106)

*20-23 International Conference on Recent Advances in Mathematics (ICRAM 2014), Department of Mathematics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur Maharashtra State, India. (Sept. 2013, p. 1106)

*20-24 An International Symposium on Orthogonality and Quadrature (ORTHOQUAD 2014), Puerto de la Cruz, Tenerife, Canary Islands, Spain. (Sept. 2013, p. 1106)

*20-24 ICERM Topical Workshop: From the Clinic to Partial Differential Equations and Back: Emerging Challenges for Cardiovascular Mathematics, ICERM, Providence, Rhode Island. (Sept. 2013, p. 1106)

*20-24 Representation theory days in Patagonia, Punta Arenas, Chile.

Description: The purpose of the conference is to bring together leading experts in geometric representation theory and related physics. Topics will include affine flag varieties, affine and double affine Hecke algebras and their applications in topology, categorification, string theory, conformal field theory and the Langlands program.

Information: http://inst-mat.utalca.cl/~patagonia/.

*20-May 23 Algebraic Topology Program, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2012, p. 1482)

*20-May 23 Model Theory and Number Theory, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 2012, p. 1177)


25-30 From Random Walks to Lévy Processes, Australian National University, Kioloa, Australia. (Nov. 2013, p. 1397)

*27-30 Symmetries, Differential Equations and Applications (SDEA-II), Center for Advanced Mathematics & Physics (CAMP), National University of Sciences & Technology (NUST), Campus H - 12, Islamabad, 44000, Pakistan. (Sept. 2013, p. 1107)


February 2014

*3-4 3rd Annual International Conference on Computational Mathematics, Computational Geometry & Statistics (CMCGS 2014), Hotel Fort Canning, 11 Canning Walk, Singapore, Singapore 17881.

Description: The goal of the conference is to bring together active researchers from the various disciplines to showcase their state-of-the-art research results and hopefully to forge new cross-disciplinary interactions among the participants. The conference provides a unique opportunity for in-depth
technical discussions and exchange of ideas in mathematical and computational sciences, as well as explores the potential of their applications in natural and social sciences, engineering and technology and industry and finance. The objectives of this conference are to provide a forum for researchers, educators, students, contributors, users of mathematical knowledge and industries to exchange ideas and communicate and discuss research findings and new advancements in mathematics and statistics; to explore possible avenues to foster academic and student exchange, as well as scientific activities. Information: http://www.mathsstat.org/.

3-7 Introductory Workshop: Model Theory, Arithmetic Geometry and Number Theory, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2012, p. 1482)

3-May 9 ICERM Semester Program on “Network Science and Graph Algorithms”, ICERM, Providence, Rhode Island. (Jan. 2013, p. 117)

4-7 Function Theory on Infinite Dimensional Spaces XIII, ICMAT, Campus de Cantoblanco, Madrid, Spain. (Oct. 2013, p. 1202)

10-11 Connections for Women: Model Theory and its interactions with number theory and arithmetic geometry, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 2012, p. 1177)

10-14 ICERM Workshop: Semidefinite Programming and Graph Algorithms, ICERM, Providence, Rhode Island. (Sept. 2013, p. 1107)

10-14 Translating Cancer Data and Models to Clinical Practice, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Sept. 2013, p. 1108)

10-21 Higher Structures in Algebraic Analysis, University of Padova, Department of Mathematics, Padova, Italy.

17-21 Hot Topics: Perfectoid Spaces and their Applications, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2013, p. 1397)

24-28 Stochastic Gradient Methods, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Sept. 2013, p. 1108)

2-March 7 Winter School II, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada.

4-7 11th German Probability and Statistics Days 2014 - Ulmer Stochastik-Tage, University Ulm, Ulm, Germany. (Sept. 2013, p. 1108)

5-7 International Workshop on Discrete Structures (IWODS), Centre for Advanced Mathematics and Physics, National University of Sciences and Technology, H-12 Islamabad, Pakistan. (Oct. 2013, p. 1202)

10–26 School and Workshop on Classification and Regression Trees, Institute for Mathematical Sciences, National University of Singapore, Singapore. (May 2013, p. 655)


*11–14 Algebraic Techniques for Combinatorial and Computational Geometry: Tutorials, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California.

Description: The long program opens with four days of tutorials that will provide an introduction to major themes of the 3-month “Algebraic Techniques for Combinatorial and Computational Geometry” program and the four workshops. The goal is to build a foundation for the participants of this program who have diverse scientific backgrounds. Registration for tutorials is free, to encourage broad participation. An application/registration form is available at: http://www.ipam.ucla.edu/elements/choose.aspx?pc=ccgtut. The application form is for those requesting financial support to attend the workshop. We urge you to apply as early as possible. Applications received by Monday, January 13, 2014, will receive fullest consideration, http://www.ipam.ucla.edu.

Information: http://www.ipam.ucla.edu/programs/ccgtut/.


*13–15 48th Annual Spring Topology and Dynamical Systems Conference, University of Richmond, Richmond, Virginia.

Description: One of the largest long-running topology conferences, the conference features 19 plenary/semi-plenary talks as well as 5 parallel sessions in set theoretic topology, continuum theory, dynamical systems, geometric topology, and geometric group theory. The local organizers for the 2014 conference are Van Nall (vna11@richmond.edu) and Judy Kennedy (jenny@9905@gmail.com).


14-28 Representation Theory and Geometry of Reductive Groups, Kloster Heiligkreuztal, a Monastary in Germany, Altheim, Germany. (Nov. 2013, p. 1397)

17-21 ICERM Workshop: Stochastic Graph Models, ICERM, Providence, Rhode Island. (Sept. 2013, p. 1108)

21–23 Sectional Meeting, University of Tennessee, Knoxville, Knoxville, Tennessee. (Sept. 2013, p. 1108)


Description: Biotechnology is a field of applied biology that involves the use of living organisms and bioprocesses in engineering, technology, medicine and other fields requiring bioproducts. The concept encompasses a wide range of procedures for modifying living organisms according to human purposes—going back to domestication of animals, cultivation of plants, and “improvements” to these through breeding programs that employ artificial selection and hybridization. This multi-disciplinary conference aims to provide a challenging forum and vibrant opportunity for researchers and industry practitioners to share their original research results and practical development experiences on specific new challenges and emerging issues.

March 2014

3-7 AIM Workshop: Postcritically finite maps in complex and arithmetic dynamics, American Institute of Mathematics, Palo Alto, California. (Sept. 2013, p. 1108)
Mathematics Calendar

Information: http://www.ace-conference.org/.


28–30 38th Annual SIAM Southeastern Atlantic Section (SEAS) Conference, Florida Institute of Technology, Melbourne, Florida. (Nov. 2013, p. 1397)

29–30 Sectional Meeting, University of Maryland, Baltimore County, Baltimore, Maryland. (Sept. 2013, p. 1108)

31–April 3 SIAM Conference on Uncertainty Quantification (UQ14), Hyatt Regency Savannah, Savannah, Georgia. (Dec. 2012, p. 1597)

April 2014

1–5 Ischia Group Theory 2014, Grand Hotel delle Terme Re Ferdinando, Ischia, Naples, Italy.

3–4 13th New Mexico Analysis Seminar, University of New Mexico, Albuquerque, New Mexico. (Nov. 2013, p. 1398)

4 An Afternoon in Honor to Cora Sadosky, University of New Mexico, Albuquerque, New Mexico. (Nov. 2013, p. 1398)

5–6 Sectional Meeting, University of New Mexico, Albuquerque, New Mexico. (Sept. 2013, p. 1108)

7–11 AIM Workshop: The many facets of the Maslov index, American Institute of Mathematics, Palo Alto, California. (Sept. 2013, p. 1109)

7–11 ICERM Workshop: Electrical Flows, Graph Laplacians, and Algorithms: Spectral Graph Theory and Beyond, ICERM, Providence, Rhode Island. (Sept. 2013, p. 1109)

7–11 Reimagining the Foundations of Algebraic Topology, Mathematical Sciences Research Institute, Berkeley, California. (May 2013, p. 719)

7–11 Tools from Algebraic Geometry, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Oct. 2013, p. 1202)

11–13, 2014 Sectional Meeting, Texas Tech University, Lubbock, Texas. (Sept. 2013, p. 1109)

* 21–25 Combinatorial representation theory, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada. Description: The representation theory of Lie algebras, quantum groups and algebraic groups represents a major area of mathematical research in the twenty-first century with numerous applications in other areas of mathematics (geometry, number theory, combinatorics, finite and infinite groups,) and mathematical physics(conformal field theory, statistical mechanics, integrable systems).

Information: http://www.crm.umontreal.ca/2014/Combinatorial14/index_e.php


* 23–25 International Arab Conference on Mathematics and Computations, Zarqa University, Zarqa, Jordan. Description: This event is a periodic conference which will be held at Zarqa University. Scopes of the conference are pure mathematics, applied mathematics, and statistics.


28–May 2 AIM Workshop: Exact crossing numbers, American Institute of Mathematics, Palo Alto, California. (Oct. 2013, p. 1202)

May 2014


* 8–12 Hall and Cluster Algebras, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada. Description: The workshop will focus on some of the important directions of research in the theory of Hall algebras and cluster algebras. Cluster algebras interact with many areas of mathematics, and the workshop will include speakers studying cluster algebras and their generalizations from a broad range of perspectives. There will be a particular emphasis on the categorification of cluster algebras and the construction of cluster algebras as Hall algebras of cluster categories.

Information: http://www.crm.umontreal.ca/2014/Cluster14/index_e.php

12–14 SIAM Conference on Imaging Science (IS14), Hong Kong Baptist University, Hong Kong, China. (Aug. 2012, p. 1021)

12–16 28th Automorphic Forms Workshop, Moab, Utah. (Oct. 2013, p. 1203)

12–16 ICERM Topical Workshop: Robust Discretization and Fast Solvers for Computable Multi-Physics Models, ICERM, Providence, Rhode Island. (Sept. 2013, p. 1109)

12–16 Model Theory in Geometry and Arithmetic, Mathematical Sciences Research Institute, Berkeley, California. (June/July 2012, p. 870)

19 Bers 100 celebration, City University of New York, Graduate Center New York, New York. (Nov. 2013, p. 1398)


* 19–23 Lie Theory and Mathematical Physics, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada. Description: There has always been a close and extremely fruitful interaction between Lie theory and mathematical physics—an old example is Gell-Mann’s flavour symmetry using the representation theory of the Lie algebra SU(3). But this interaction has clearly deepened and blossomed significantly with the arrival of string theory.

Information: http://www.crm.umontreal.ca/2014/Lie14/index_e.php

19–23 Representations of reductive groups: A conference dedicated to David Vogan on his 60th birthday, MIT, Cambridge, Massachusetts. (Sept. 2013, p. 1109)

20–22 Sixth Iberoamerican congress on geometry, City University of New York, Graduate Center New York, New York. (Nov. 2013, p. 1398)

23–June 1 GEAR Junior Retreat, University of Michigan, Ann Arbor, Michigan.
Description: The GEAR Junior Retreat is designed to build bridges between the different interest groups in the GEAR network—and more broadly among mathematicians working in areas relating to geometric structures and representation varieties. The meeting is mainly aimed at Ph.D. students and recent post-docs, and during the ten days the following themes will be featured: 1. Dynamics on Moduli Spaces, Geometric and Analytical Group Theory 3. Geometric Structures and Teichmüller spaces, Higgs bundles, Hyperbolic 3-manifolds.
Information: http://www.math.illinois.edu/~schapos/Junior_Retreat.html.


26–29 VI Workshop on Dynamical Systems: On the occasion of Marco Antonio Teixeira’s 70th birthday (MAT70), Campinas, SP, Brazil. (Sept. 2013, p. 1109)

26–30 Constructive Functions 2014, Vanderbilt University, Nashville, Tennessee. (May 2013, p. 653)


28–30 WCIA 2014 - 16th International Workshop on Combinatorial Image Analysis, Brno University of Technology, Technická 2, Brno, Czech Republic. (Sept. 2013, p. 1110)

*28–30 Recent Trends in Nonlinear Partial Differential Equations and Applications, University of Trieste, Trieste, Italy.
Description: The purpose of this conference is to celebrate the 60th birthday of Enzo Mitidieri. In this occasion, some collaborators and friends of Enzo will report on recent research developments, in particular in different fields of Nonlinear Differential Equations.
Information: http://npde2014.units.it/.

June 2014

2–6 Computational Nonlinear Algebra, Institute for Computational and Experimental Research in Mathematics, (ICERM), Brown University, Providence, Rhode Island. (Nov. 2013, p. 1398)

2–6 Discrete Groups and Geometric Structures, with Applications V, KU Leuven, Arenberg Castle, Heverlee (nearby Leuven), Belgium.
Description: This is the 7th edition of a conference series which started in 1996. Main topics include (non-exhaustively) geometric group theory, Out(F_g) and Aut(F_n), groups acting on manifolds, crystallographic groups and their generalisations, affine and nil-affine structures for groups, left-symmetric structures on Lie algebras, problems related to these topics in different settings.
Main invited speakers: include Mladen Bestvina, Emmanuel Breuillard, Martin Bridson, Danny Calegari, Serge Cantat, Karen Vogtmann, Dan Wise. The program will be set up to include lectures by participants, as well as short communications. We welcome in particular Ph.D. students and post-doc researchers.

3–6 Moduli · Operads · Dynamics II, Tallinn University of Technology, Tallinn, Estonia. (Oct. 2013, p. 1203)


Description: A Number Theory Conference in memory of Paul and Felice Bateman will be held at the University of Illinois. The Batemans were long-time members of the faculty and Paul was department head for 14 years. Paul was a member of the American Mathematical Society for 71 years and among his other services, was a Trustee of the AMS. This meeting continues a long tradition of number theory conferences at Illinois.
Invited talks: There will be twenty invited talks as well as opportunities for contributed talks. These will cover a broad spectrum of number theory, representing Paul’s many interests. A banquet will be held on June 6. There will be a refereed proceedings volume of conference talks. The conference will be preceded by the Midwest Number Theory Conference for Graduate Students, June 3–4, 2014 (which is being announced separately).

*9–13 Categorification and Geometric Representation Theory, Cen- tre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal (Québec), Canada.
Description: Categorification and geometric representation theory are two of the most active and exciting branches of modern representation theory and are gradually increasing their importance in the field. These approaches have led to the introduction of new and powerful tools and a deeper understanding of underlying structures.

9–13 String Math 2014, University of Alberta, Edmonton, Alberta, Canada. (Sept. 2013, p. 1110)


10–13 Geometry of Banach Spaces - A conference in honor of Stanimir Troyanski, Albacete, Spain. (Nov. 2013, p. 1398)

12–14 Riemann, topology and physics, Institut de Recherche Mathématique Avancée, University of Strasbourg, Strasbourg, France. (Oct. 2013, p. 1203)


16–27 Summer Graduate School: Dispersive Partial Differential Equations, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2013, p. 1399)

21–August 3 MSRI-UP 2014: Arithmetic Aspects of Elementary Functions, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2013, p. 1399)


23–27 Boltzmann, Vlasov and related equations: Last results and open problems, University of Cartagena, Cartagena, Colombia. (Nov. 2013, p. 1399)

*23–27 Microlocal analysis and applications, Université de Nice Sophia Antipolis, Nice, France.
Description: This conference is organized for the sixtieth birthday of Gilles Lebeau. It is devoted to microlocal analysis and its applications to a number of topics in the analysis of PDEs, among which are Control of PDEs, Spectral theory and semi-classical analysis, Nonlinear dispersive PDEs, Microlocal analysis and Geometry.
Information: http://math.unice.fr/MAA2014/.

23–28 6th International Conference on Advanced Computational Methods in Engineering, NH Gent Belfort, Gent, Belgium. (Sept. 2013, p. 1110)

29–July 3 26th International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC), DePaul University, Chicago, Illinois. (Sept. 2013, p. 1110)

July 2014


*7–11 Conferences on Intelligent Computer Mathematics, CICM 2014, University of Coimbra, Coimbra, Portugal.

Description: As computers and communications technology advance, greater opportunities arise for intelligent mathematical computation. While computer algebra, automated deduction, mathematical publishing and novel user interfaces individually have long and successful histories, we are now seeing increasing opportunities for synergy among these areas.

Organizer: The conference is organized by Pedro Quaresma, takes place at University of Coimbra and consists of four tracks. Track A: Calculatum (chair: James Davenport), Track B: Digital Mathematical Libraries (DML) (chair: Petr Sojka), Track C: Mathematical Knowledge Management (MKM) (chair: Josef Urban), Track D: Systems & Projects (chair: Alan Sexton). The overall programme is organized by the General Program Chair Stephen Watt. The publicity chair is Serge Autexier.


7–18 Summer Graduate School: Stochastic Partial Differential Equations, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2013, p. 1399)

7–August 29 The Geometry, Topology and Physics of Moduli Spaces of Higgs Bundles, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Nov. 2013, p. 1399)

*8–11 2014 World Conference on Natural Resource Modeling, Vilnius University, Vilnius, Lithuania.

Description: The Resource Modeling Association is an international body of scientists working at the intersection of mathematical modeling, environmental science, and natural resource management. Its annual meetings provide a platform for genuine interdisciplinary communication and networking. Our theme for the conference is “Modelling our way back to the future” and what better way to go back to the future than to be transported back in time in the ancient city of Vilnius (ca 1009 AD) with its narrow cobbled streets weaving among buildings of Gothic, Renaissance, and Baroque styles. Delegates will sit amidst the architectural splendour of Vilnius University, a scholarly institution established in 1579, whilst engaging in dialogue with colleagues from around the globe about how we can pave the way for natural resource modeling to have relevance and practical application in a future world increasingly challenged by climatic change and rising consumption from an expanding human population.


Description: ADG (Automated Deduction in Geometry) is a forum dedicated to the exchange of ideas and views, to the presentation of research results and progress, and to the demonstration of software tools on the intersection between geometry and automated deduction. ADG organizes a workshop every two years. The previous editions were held in Edinburgh (UK) 2012, Munich (Germany) 2010, Shanghai (China) 2008, Pontevedra (Spain) 2006, Gainesville (USA) 2004, Linz (Austria) 2002, Zurich (Switzerland) 2000, Beijing (China) 1998, and Toulouse (France) 1996.


Description: This conference is an annual meeting, devoted to promoting the applications and development of Computer Algebra and Symbolic Computation. Topics include computer algebra and symbolic computation in engineering, the sciences, medicine, pure and applied mathematics, education, communication and computer science.

Organizers: Robert H. Lewis, Tony Shaska, Illias Kotsireas.

Information: http://faculty.fordham.edu/rlewis/ac2014/.

13–15 8th International Conference on Modelling in Industrial Maintenance and Reliability (MIMAR), St. Catherine’s, Oxford, United Kingdom. (Oct. 2013, p. 1204)

14–18 AIM Workshop: Mori program for Brauer log pairs in dimension three, American Institute of Mathematics, Palo Alto, California. (Sept. 2013, p. 1111)

14–18 The 30th International Colloquium on Group Theoretical Methods in Physics, Ghent University, Ghent, Belgium. (Sept. 2013, p. 1111)

14–August 8 Theory of Water Waves, Isaac Newton Institute for Mathematical Sciences, Cambridge, United Kingdom. (Sept. 2013, p. 1111)


21–25 Geometric and Asymptotic Group Theory with Applications (GAGTA), The University of Newcastle, Australia.


*23–25 International Symposium on Symbolic and Algebraic Computation (ISSAC 2014), Kobe University, Japan.

Description: The International Symposium on Symbolic and Algebraic Computation is the premier conference for research in symbolic computation and computer algebra. ISSAC 2014 is the 39th meeting in the series. The conference presents a range of invited speakers, tutorials, poster sessions and software demonstrations with a centre-piece of contributed original research papers. The topics include algorithmic aspects (exact and symbolic linear, polynomial and differential algebra, symbolic-numeric, homotopy, perturbation and series methods, computational algebraic geometry, group theory and number theory, computer arithmetic, summation, recurrence equations, integration, solution of ODEs & PDEs, complexity of algebraic algorithms and algebraic complexity), software aspects (design of symbolic computation packages and systems, language design and type systems for symbolic computation, data representation, considerations).


28–August 8 Summer Graduate School: Geometry and Analysis, Mathematical Sciences Research Institute, Berkeley, California. (Nov. 2013, p. 1399)

August 2014

4–9 10th International Conference on Clifford Algebras and their Applications in Mathematical Physics (ICCA10), University of Tartu, Tartu, Estonia. (Sept. 2013, p. 1111)
11–14 SIAM Conference on Nonlinear Waves and Coherent Structures (NW14), Churchill College, University of Cambridge, Cambridge, United Kingdom. (Sept. 2013, p. 1111)


11–December 12 New geometric methods in number theory and automorphic forms, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 2013, p. 1111)

11–December 19 Understanding Microbial Communities: Function, Structure and Dynamics, Isaac Newton Institute, Cambridge, United Kingdom. (Oct. 2013, p. 1204)


18–December 19 Geometric Representation Theory, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 2013, p. 1111)

September 2014

1–December 19 Trimester program on Non-commutative Geometry and its Applications, Hausdorff Research Institute for Mathematics, Bonn, Germany. (Nov. 2013, p. 1399)

2–5 Introductory Workshop: Geometric Representation Theory, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 2013, p. 1112)

2–7 12th AHA Conference-Algebraic Hyperstructures and its Applications, Democritus University of Thrace, School of Engineering, Department of Production and Management Engineering 67100, Xanthi, Greece International Algebraic Hyperstructures Association (IAHA). (Oct. 2013, p. 1204)

8–December 12 Mathematics of Turbulence, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Oct. 2013, p. 1204)

18–20 Riemann, Einstein and geometry, Institut de Recherche Mathématique Avancée, University of Strasbourg, France. (Oct. 2013, p. 1204)

20–21 Sectional Meeting, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin. (Sept. 2013, p. 1112)


Description: This long running series of conferences (since 1999) brings together many innovative movers and shakers from around the world, and is renowned for its friendly and productive atmosphere. We now welcome proposals for papers and workshops in all areas of innovation in mathematics, science, computing and statistics education. There will be four working days including a half day excursion to the nearby UNESCO World Heritage old town of Dubrovnik. The hotel is in a beautiful bay on the Balkan Adriatic coast and is easily accessible from Dubrovnik and Tivat airports.


October 2014

18–19 Sectional Meeting, Dalhousie University, Halifax, Canada. (Sept. 2013, p. 1112)

23–26 Ahlfors-Bers Colloquium VI, Yale University, New Haven, Connecticut. (Oct. 2013, p. 1204)

25–26 Sectional Meeting, San Francisco State University, San Francisco, California. (Sept. 2013, p. 1112)

November 2014

8–9 Sectional Meeting, University of North Carolina, Greensboro, North Carolina. (Sept. 2013, p. 1112)


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.

December 2014

* 9–19 Recent Advances in Operator Theory and Operator Algebras-2014, Bangalore, India.

Description: This conference is a continuation of the earlier conferences and workshops on operator theory and operator algebras held in Indian Statistical Institute, Bangalore. The main goal of the workshop and the conference is to bring together the leading worldwide experts and young researchers, including postdocs and advanced doctoral students working in operator theory, operator algebra and related topics. The topics of interest include, but are not limited to: operator algebras, operator theory, function theory, multivariable operator theory, free probability, groups and dynamical system. The meeting will start with a workshop December 9–13, 2014, followed by a conference December 15–19, 2014. The purpose of the workshop is to bring experts and students as well as researchers together to discuss the most recent developments.


July 2015

* 20–24 The 11th International Conference on Fixed Point Theory and its Applications, Galatasaray University, Istanbul, Turkey.

Description: The purpose of the conference is to bring together leading experts and researchers in fixed point theory and to assess new developments, ideas and methods in this important and dynamic field. A special emphasis will be put on applications in related areas, as well as other sciences, such as the natural sciences, medicine, economics and engineering. The conference will continue the tradition of the previous fixed point theory meetings which were held in Marseille (1989), Halifax (1991), Seville (1993), Kazimierz Dolny (1997), Haifa (2001), Valencia (2003), Guanajuato (2005), Chiang Mai (2007), Changhua (2009) and Cluj-Napoca (2012).

Information: http://www.icfpta.org/.

September 2015

* 14–18 The European Numerical Mathematics and Advanced Applications (ENUMATH) Conference, Institute of Applied Mathematics, Middle East Technical University, Ankara, Turkey.

Description: The European Numerical Mathematics and Advanced Applications (ENUMATH) conferences are a forum for discussion of basic aspects and new trends in numerical mathematics and challenging scientific and industrial applications on the highest level of international expertise. They started in Paris in 1995 and were subsequently held at the universities of Heidelberg (1997), Jyvaskyla (1999), Ischia Porto (2001), Prague (2003), Santiago de Compostela (2005), Graz (2007), Uppsala (2009), Leicester (2011), Lasanne (2013).

Information: http://enumath2015.iam.metu.edu.tr/.