

Mathematics Calendar

September 2010

2–4 **Moduli spaces**, Institut de Recherche Mathématique Avancée, University of Strasbourg, France. (Jan. 2010, p. 76)

2–4 **Random Generation of Combinatorial Structures, GASCom 2010**, Laboratoire de combinatoire et d'informatique mathématique (LaCIM), Université du Québec à Montréal, Montréal, Quebec, Canada. (Jun./Jul. 2010, p. 780)

2–4 **The 6th William Rowan Hamilton Geometry and Topology Workshop. Knots, Surfaces and Three-Manifolds**, The Hamilton Mathematics Institute, Trinity College Dublin, Ireland. (June 2010, p. 780)

4–5 **Logic and Mathematics 2010**, Mathematics Department, University of Illinois, Urbana, Illinois. (Aug. 2010, p. 903)

4–5 **Symposium on Biomathematics and Ecology: Education and Research (BEER-2010)**, Illinois State University, Normal, Illinois. (Jun./Jul. 2010, p. 780)

* 4–10 **Summer School on General Algebra and Ordered Sets 2010**, Malenovice (near Frydlant nad Ostravici), Czech Republic.

Description: The 48th international algebraic conference devoted to universal algebra, ordered sets and related topics.

Information: <http://ssaos2010.inf.upol.cz/>.

* 6–8 **IMA Conference on Fluid Problems in Process Engineering**, University of Leeds, United Kingdom.

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

Description: Fluid flows are important in a wide range of engineering applications. Many industrially motivated flow problems lead to fascinating fundamental fluid mechanics studies, as well as providing profound challenges that drive the development of more powerful mathematical and simulation techniques. Understanding and predicting fluid behaviour is becoming increasingly important, especially for applications where experimentation is too difficult, expensive, or hazardous. This conference seeks to bring together academics and practitioners to explore the fundamental science, progress, and challenges in mathematical modelling and simulation technology inspired by fluid problems in process engineering.

Information: http://www.ima.org.uk/Conferences/fluid_problems_in_process_engineering/index.html.

* 6–9 **Contributions in Differential Geometry: A round table on occasion of the 65th birthday of Lionel Bérard Bergery**, University of Luxembourg, Luxembourg.

Description: The conference is dedicated to the 65th birthday and retirement of Lionel Bérard Bergery, professor at the university of Nancy.

Topic: Differential Geometry, should be intended in a broad sense, encompassing also connections with other fields of Mathematics and General Relativity.

Information: <http://math.uni.lu/confbb>.

6–9 **XIX International Fall Workshop on Geometry and Physics**, Oporto, Portugal. (Apr. 2010, p. 549)

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/>.

- 6–10 **Dynamics Days Europe 2010**, University of Bristol, Bristol, United Kingdom. (May 2010, p. 675)
- 6–10 **QMath11 - Mathematical Results in Quantum Physics**, University of Hradec Kralove, Hradec Kralove, Czech Republic. (Jun./Jul. 2010, p. 780)
- 7–10 **First International Workshop on Differential and Integral Equations with Applications in Biology and Medicine**, Aegean University, Karlovassi, Samos island, Greece. (Oct. 2009, p. 1148)
- 7–10 **Workshop on Computer Graphics, Computer Vision and Mathematics 2010 (GraVisMa 2010)**, Brno University of Technology, Faculty of Information Technology, Brno, Czech Republic. (Jun./Jul. 2010, p. 780)
- 7–11 **International Conference “Modern Stochastics: Theory and Applications II”**, Kyiv National Taras Shevchenko University, Kyiv, Ukraine. (Feb. 2010, p. 306)
- 7–11 **Logic, Algebra and Truth Degrees 2010**, Prague, Czech Republic. (Feb. 2010, p. 307)
- 7–12 **Geometry, Dynamics, Integrable Systems 2010**, Mathematical Institute SANU, Belgrade, Serbia. (Feb. 2010, p. 307)
- 9–12 **The Second Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia2010)**, Royal Paradise Hotel & Spa, Patong Beach, Phuket, Thailand. (Apr. 2010, p. 549)
- 11–17 **NAFSA 9-The 9th International School on Nonlinear Analysis, Function Spaces and Applications**, Trest Castle, Czech Republic. (Oct. 2009, p. 1148)
- 12–17 **ESF Mathematics Conference in Partnership with EMS and ERCOM/INI: Highly Oscillatory Problems: From Theory to Applications**, The Isaac Newton Institute, Cambridge, United Kingdom. (Feb. 2010, p. 307)
- 13–15 **2nd IMA Numerical Linear Algebra and Optimisation Conference**, University of Birmingham, Birmingham, United Kingdom. (Aug. 2010, p. 903)
- 13–15 **IMA Hot Topics Workshop: Medical Device-Biological Interactions at the Material-Tissue Interface**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (May 2010, p. 675)
- 13–15 **Optimal Discrete Structures and Algorithms (ODSA 2010)**, University of Rostock, Rostock, Germany. (Apr. 2010, p. 549)
- 13–16 **Courant Colloquium 2010**, Georg-August-Universitaet Goettingen, Goettingen, Germany. (Jun./Jul. 2010, p. 780)
- 13–17 **AIM Workshop: Emerging applications of complexity for CR mappings**, American Institute of Mathematics, Palo Alto, California. (Apr. 2010, p. 550)
- 13–17 **Third International Congress on Mathematical Software [ICMS'2010—developers meeting]**, Department of Mathematics, Kobe University, Kobe, Japan. (Feb. 2010, p. 307)
- 13–17 **Random Matrix Theory and Its Applications I**, Mathematical Sciences Research Institute, Berkeley, California. (Dec. 2009, p. 1482)
- 13–17 **Summer School on Analysis: Spectral Theory and PDEs**, Leibniz University, Hannover, Germany. (Jun./Jul. 2010, p. 781)
- 13–18 **Meeting in Honor of Jouko Väenänen's 60th Birthday**, University of Helsinki, Finland. (Aug. 2010, p. 903)
- 13–December 17 **Modern Trends in Optimization and Its Application**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, CA. (Nov. 2009, p. 1361)
- 15–18 **Algebra, Geometry, and Mathematical Physics**, Technical University of Crete, Chania, Crete, Greece. (Apr. 2010, p. 550)
- 15–18 **Conference in Numerical Analysis (NumAn 2010): Recent Approaches to Numerical Analysis: Theory, Methods and Applications**, Great Arsenale (Old Venetian Harbor) Chania, Island of Crete, Greece. (Mar. 2010, p. 433)
- 17–19 **S⁴ Conference on Symmetry, Separation, Superintegrability and Special Functions**, School of Mathematics, University of Minnesota, Minneapolis, Minnesota. (Feb. 2010, p. 307)
- 19–22 **Applied Statistics 2010 (AS2010)**, Ribno (Bled), Slovenia. (May 2010, p. 675)
- 19–25 **13th International Workshop for Young Mathematicians “Logic and Foundations of Mathematics”**, Jagiellonian University, Krakow, Poland. (Jun./Jul. 2010, p. 781)
- 19–25 **ICNAAM 2010 minisymposium: Semigroups of Linear Operators and Applications**, Hotel Rodos Palace, Rhodes, Greece. (Jun./Jul. 2010, p. 781)
- 20–21 **MSRI—Connections for Women: An Introduction to Random Matrices**, Mathematical Sciences Research Institute, Berkeley, California. (Dec. 2009, p. 1482)
- 20–24 **10th International Conference on Parametric Optimization and Related Topics (paraoptX)**, Karlsruhe Institute of Technology, Karlsruhe, Germany. (Dec. 2009, p. 1482)
- * 20–24 **Machine Reasoning Workshops I & II: Mission-Focused Representation & Understanding of Complex Real-World Data**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California.
- Description:** These two workshops will address two topics important for efficiently obtaining and utilizing the information inherent in complex real-world data, namely Representation and Understanding. Each is described in detail on the web page. Workshop I on Data Representation will begin on Monday, September 20, in the morning and continue until lunch on Wednesday, September 22. Workshop II on Understanding of Data commences after lunch on Wednesday, September 22, and continues through Friday, September 24. Those wishing to participate in one or both workshops must apply and be accepted. There will be a combined reception on Tuesday evening. You must apply and be accepted in order to attend the workshop. We urge you to apply as early as possible. Applications received by July 26, 2010, will receive fullest consideration.
- Information:** <http://www.ipam.ucla.edu/programs/mrws1/>.
- 20–25 **DYSES2010 (V Meeting of Dynamics of Socio-economic Systems Society)**, University of Sannio, Faculty of Economic and business sciences, Benevento, Italy. (Apr. 2010, p. 550)
- 20–25 **XVI Geometrical Seminar**, Hotel Breza, Vrnjacka banja, Serbia. (Mar. 2010, p. 433)
- 20–October 1 **Berlin Mathematical School Summer School 2010 on Discretization in Geometry and Dynamics**, Technische Universität Berlin, Germany. (Oct. 2009, p. 1148)
- 21–24 **International Conference on Applications in Nonlinear Dynamics 2010**, The Fairmont Chateau, Lake Louise, Alberta, Canada. (Aug. 2010, p. 903)
- 21–24 **The 3rd International Conference on Nonlinear Dynamics**, National Technical University “Kharkov Polytechnical Institute”, Kharkov, Ukraine. (Mar. 2010, p. 433)
- 21–25 **Geometry and Physics in Cracow**, Kraków, Poland. (Aug. 2010, p. 903)
- 22–25 **Seiminar Interactions between Mathematics and Physics**, Accademia Nazionale dei Lincei, Roma, Italy. (Jun./Jul. 2010, p. 781)
- 23–26 **Second International Conference on Numerical Analysis and Approximation Theory: NAAT 2010**, Department of Applied Mathematics of the Faculty of Mathematics and Computer Science, Babes-Bolyai University, Cluj-Napoca, Romania. (Mar. 2010, p. 434)
- 24–26 **Info-Metrics: Theory and Applications**, American University, Washington, DC. (Jun./Jul. 2010, p. 781)

27-28 **Decision Analysis and Sustainable Development**, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, 2920, Chemin de la tour, 5th floor, Montréal (Québec), H3T 1J4 Canada. (Aug. 2010, p. 903)

27-30 **54th Annual Meeting of the Australian Mathematical Society**, The University of Queensland, Brisbane, Queensland, Australia. (Apr. 2010, p. 550)

28-October 1 **Convex Optimization and Algebraic Geometry**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Apr. 2010, p. 550)

October 2010

2-3 **AMS Eastern Section Meeting**, Syracuse University, Syracuse, New York. (Sept. 2009, p. 1032)

4-8 **AIM Workshop: Parameter identification in graphical models**, American Institute of Mathematics, Palo Alto, California. (Apr. 2010, p. 550)

4-9 **Group Actions and Dynamics**, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, 2920, Chemin de la tour, room 5357, Montréal (Québec) H3T 1J4 Canada. (Jan. 2010, p. 76)

7-10 **International Conference on Algebra in honor of the 70th Birthday of Professor Shum Kar-Ping**, Gajah-Mada University, Yogyakarta, Indonesia. (Apr. 2010, p. 550)

8-10 **Yamabe Symposium on “Geometry and Low-Dimensional Topology”**, University of Minnesota, Minneapolis, Minnesota. (May 2010, p. 675)

9-10 **AMS Western Section Meeting**, University of California, Los Angeles, California. (Sept. 2009, p. 1032)

10-15 **International Conference in Systems Biology (ICSB)**, Edinburgh International Conference Centre, The Exchange, Edinburgh, EH3 8EE, Scotland. (Jan. 2010, p. 76)

11-15 **Conference on Singularities, Geometry and Topology. In honour of the 60th Anniversary of Sabir Gusein-Zade**, Residencia San Jose, EL Escorial, Madrid, Spain. (Jun./Jul. 2010, p. 782)

11-15 **Equations and First-order Properties in Groups**, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, 2920, Chemin de la tour, room 5357 Montréal (Québec) H3T 1J41 Canada. (Jan. 2010, p. 76)

11-15 **Numerical Methods for Continuous Optimization**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Apr. 2010, p. 550)

* 13-15 **Wolfram Technology Conference**, Hilton Garden Inn, Champaign, Illinois.

Description: This event brings together some of the leading minds in technical computing and education for presentations, seminars, and workshops. Whether you use Mathematica, Wolfram|Alpha, or other Wolfram products for computation, development, or deployment, you're sure to find informative and interesting sessions to attend. This year's conference will focus on Wolfram Research's latest tools and resources at your disposal—as well as forthcoming technologies—while still including all the training, discussion, and networking opportunities that people have come to expect from our conferences.

Information: <http://www.wolfram.com/events/techconf2010/>.

18-20 **2010 International Multiconference on Computer Science and Information Technology (IMCSIT)**, Hotel Golebiowski, Wisla, Poland. (Jun./Jul. 2010, p. 782)

18-22 **AIM Workshop: Algebraic systems with only real solutions**, American Institute of Mathematics, Palo Alto, California. (May 2010, p. 675)

18-22 **IMA Workshop: Computing with Uncertainty: Mathematical Modeling, Numerical Approximation and Large Scale Optimization of Complex Systems with Uncertainty**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 550)

* 18-22 **Machine Reasoning Workshops III & IV: Mission-Focused Actions/Reactions Based on & System Integration of Information Derived from Complex Real-World Data**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California.

Description: These two workshops will address two topics important for efficiently obtaining and utilizing the information inherent in complex real-world data, namely Actions/Reactions and System Integration. Workshop III on Actions/Reactions will begin on Monday, October 18 in the morning and continue until lunch on Wednesday, October 20. Workshop IV on System Integration commences after lunch on Wednesday, October 20, and continues through Friday, October 22. Those wishing to participate in one or both workshops must apply and be accepted. There will be a combined reception on Tuesday evening. You must apply and be accepted in order to attend the workshop. We urge you to apply as early as possible. Applications received by August 23, 2010, will receive fullest consideration. The Office of Naval Research is supporting this workshop.

Information: <http://www.ipam.ucla.edu/programs/mrws2/>.

20-22 **International Conference in Modeling Health Advances 2010**, San Francisco, California. (May 2010, p. 434)

21-24 **Compact Moduli and Vector Bundles**, University of Georgia, Athens, Georgia. (Jun./Jul. 2010, p. 782)

23-24 **History and Pedagogy of Mathematics (HPM) Americas Section 2010 West Coast Meeting**, CalTech in Pasadena, California. (Aug. 2010, p. 903)

25-29 **AIM Workshop: The geometry of the outer automorphism group of a free group**, American Institute of Mathematics, Palo Alto, California. (May 2010, p. 675)

25-29 **Hot Topics: Kervaire invariant**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 782)

25-31 **Algebra, Geometry, Mathematical Physics**, The Sven Lovén Centre for Marine Sciences at the University of Gothenburg, Sweden. (Jun./Jul. 2010, p. 782)

26-29 **Discrete Optimization**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Apr. 2010, p. 551)

26-29 **SIAM Conference on Applied Linear Algebra (LA09)**, Embassy Suites Hotel, Monterey Bay-Seaside, California. (Sept. 2009, p. 1032)

27-30 **Fourth International Workshop on Differential Algebra and Related Topics (DART-IV)**, Key Laboratory of Mathematics Mechanization, Chinese Academy of Sciences, Beijing, China. (May 2010, p. 675)

29-30 **International Conference on Software Engineering, Management & Applications (ICSEMA'10)**, College of Open Learning, Kathmandu, Nepal. (Jun./Jul. 2010, p. 782)

29-31 **AMS Central Section Meeting**, Notre Dame University, Notre Dame, Indiana. (Sept. 2009, p. 1032)

November 2010

* 1-5 **3rd Odense Winter School on Geometry and Theoretical Physics**, University of Southern Denmark, Odense, Denmark.

Main speakers: Sergey Cherkis (Trinity College), Laura Coví (DESY), Gerard 't Hooft (Utrecht University), Claudio Pica (CP-Origins), Andrea Romanino (SISSA), Francesco Sannino (CP-Origins), Martin Speight (University of Leeds), Kimmo Tuominen (CP-Origins).

Information: <http://cp3-origins.dk/events/meetings/ws2010>.

1-5 **IMA Workshop: Numerical Solutions of Partial Differential Equations: Novel Discretization Techniques**, Institute for

Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 551)

1–5 **K-theory, C*-algebras and index theory**, Georg-August-Universität Göttingen, Goettingen, Germany. (Jun./Jul. 2010, p. 782)

1–December 19 **Hyperbolic Conservation Laws and Kinetic Equations: Theory, Computation, and Applications**, Institute for Mathematical Sciences, National University of Singapore, Singapore, Singapore. (Jun./Jul. 2010, p. 782)

* 2–4 **IPAM's 10th Anniversary Conference**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California.

Description: The role of mathematics in science has been transformed over the last few decades. Emerging applications in information science, nanosystems, multiscale and multiphysics problems, bioinformatics and other fields have required new kinds of math, both pure and applied. Since its inception in 2000, the Institute for Pure and Applied Mathematics (IPAM) has catalyzed the interaction of mathematics with science. IPAM's programs bring together researchers from both pure and applied mathematics and statistics, and from physical science, information and computer science, life science, engineering, social science, and humanities, to form new research communities. This workshop will assess the current state and the future of interdisciplinary mathematics and science and IPAM's role in this exciting endeavor. Speakers from academia, government and industry will present research results related to programs from IPAM's first ten years.

Information: <http://www.ipam.ucla.edu/programs/ann2010/>.

3–4 **The 6th IMT-GT International Conference on Mathematics, Statistics, and its Applications (ICMSA2010)**, Grand Seasons Hotel, Kuala Lumpur, Malaysia. (Aug. 2010, p. 903)

3–6 **3rd International Conference for Young Mathematicians on Differential Equations and Applications dedicated to Ya. Lopatynski**, The Ivan Franko National University of L'viv, L'viv, Ukraine. (Jun./Jul. 2010, p. 783)

4–6 **PDE and Applications**, Kairouan, Tunisia. (Aug. 2010, p. 903)

5–6 **IMA Special Event: Finite Element Circus Featuring a Scientific Celebration of Falk, Pasciak, and Wahlbin**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota (Apr. 2010, p. 551)

6–7 **AMS Southeastern Section Meeting**, University of Richmond, Richmond, Virginia. (Sept. 2009, p. 1032)

8–10 **2010 IEEE International Conference on Technologies for Homeland Security**, Westin Hotel, Waltham, Massachusetts. (Feb. 2010, p. 307)

8–12 **MSRI—Inverse Problems: Theory and Applications**, Mathematical Sciences Research Institute, Berkeley, California. (Dec. 2009, p. 1482)

8–12 **School of Applied Mathematics and Innovation 2010: Non-smooth systems and applications**, Universidad Sergio Arboleda, Sede Rodrigo Noguera Laborde, Santa Marta, Colombia. (Jun./Jul. 2010, p. 783)

12–15 **Toric Geometry Seminar 2010 (Combinatorial Commutative Algebra, Optimization and Statistics)**, Residencia V Centenario. Universidad de Extremadura. Jarandilla de la Vera, Cáceres, Spain. (Aug. 2010, p. 904)

16–19 **Modern Trends in Optimization and Its Application**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Apr. 2010, p. 551)

17–19 **SIAM/MSRI Workshop on Hybrid Methodologies for Symbolic-Numeric Computation**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 783)

* 22–25 **Colloque d'Analyse et Géometrie Complex**, Faculté des Sciences de Monastir, Monastir, Tunisie.

Invited Speakers: F. Berteloot (Institut de Mathématiques de Toulouse, France); J. P. Demailly (Institut Fourier Grenoble, France); H. El Mir (Faculté des Sciences Monastir, Tunisie); H. Gaussier (Institut Fourier Grenoble, France); A. Zeriahi (Institut de Mathématiques de Toulouse, France).

Information: You can find further information about the courses and the possibility to contribute with a talk at: <http://www.fsg.rnu.tn/colloque.htm>.

23–27 **International Conference on Mathematical Sciences, Turkey'10**, Abant Izzet Baysal University, Izzet Baysal Kampüsü, Bolu, Turkey. (Jun./Jul. 2010, p. 783)

28–December 3 **International Conference on Applied Mathematics and Informatics - ICAMI 2010**, San Andres Island, Colombia. (Aug. 2010, p. 904)

29–December 3 **IMA Workshop: Numerical Solutions of Partial Differential Equations: Fast Solution Techniques**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 551)

30–December 3 **Applications of Optimization in Science and Engineering**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Jun./Jul. 2010, p. 783)

December 2010

2–4 **4th Global Conference on Power Control and Optimization (PCO'2010)**, Damai Puri Resort, Kuching, Sarawak, Malaysia. (May 2010, p. 675)

4–6 **2010 CMS Winter Meeting**, Coast Hotel and Suites, Vancouver (BC), Canada. (Jun./Jul. 2010, p. 784)

5–10 **66th Annual Deming Conference on Applied Statistics**, Atlantic City, New Jersey. (Jun./Jul. 2010, p. 784)

6–10 **AIM Workshop: Waves and multiscale processes in the tropics**, American Institute of Mathematics, Palo Alto, California. (May 2010, p. 675)

6–10 **MSRI—Random Matrix Theory and its Applications II**, Mathematical Sciences Research Institute, Berkeley, California. (Dec. 2009, p. 1482)

9–11 **International Conference on Recent Development in Mathematical Sciences and its Applications (ICRDMSA-2010)**, Calcutta Mathematical Society AE-374, Sector-I, Salt Lake Kolkata-700064, West-Bengal, India. (Aug. 2010, p. 904)

13–17 **AIM Workshop: Random matrices**, American Institute of Mathematics, Palo Alto, California. (May 2010, p. 676)

13–17 **Conference in Geometry and Global Analysis Celebrating P. Gilkey's 65th Birthday**, Universidade de Santiago de Compostela/Universidade da Coruña Santiago de Compostela, A Coruña, Spain. (Jun./Jul. 2010, p. 784)

13–17 **Conference “Quantization of Singular Spaces”**, University of Aarhus, Denmark. (Jun./Jul. 2010, p. 784)

15–16 **The International Conference on Mathematics Education Research**, Malacca, Malaysia. (May 2010, p. 676)

17–21 **The 15th Asian Technology Conference in Mathematics (ATCM 2010)**, University of Malaya, Kuala Lumpur, Malaysia. (Apr. 2010, p. 551)

19–21 **“Mathematical Sciences for Advancement of Science and Technology” (MSAST 2010)**, IMBIC Hall, Salt Lake, Kolkata (Calcutta), India. (Apr. 2010, p. 551)

25–27 **International Conference on Current trends in Mathematics**, Allahabad, Uttar Pradesh, India. (May 2009, p. 659)

27-30 **The 76th Annual Conference of the Indian Mathematical Society**, S. V. National Institute of Technology, SURAT -395007, Gujarat, India. (Jun./Jul. 2010, p. 784)

29-31 **ICCAM 2010: "International Conference on Computational and Applied Mathematics" Symposium Partial Differential Equations:Modeling, Analysis and Numerical Methods**, First Hotel Bangkok 2 Soi Somprasong 1, Petchaburi Road, Tanonphayathai, Rajthavee, Bangkok 10400 Thailand. (Nov. 2009, p. 1361)

January 2011

3-5 **ICMS 2011: International Conference on Mathematical Sciences in Honour of Professor A. M. Mathai**, St. Thomas College Pala, Kottayam 686574, Kerala, India. (May 2010, p. 676)

* 6-9 **Joint Mathematics Meetings**, New Orleans, Louisiana.

Information: http://www.ams.org/meetings/national/jmm/2125_intro.html.

10-14 **Algorithmic Game Theory**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Jun./Jul. 2010, p. 784)

10-14 **IMA Workshop: High Performance Computing and Emerging Architectures**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 552)

10-May 20 **MSRI Future Scientific Programs: Arithmetic Statistics**, Mathematical Sciences Research Institute, Berkeley, California. (Aug. 2009, p. 864)

10-May 20 **MSRI Future Scientific Programs: Free Boundary Problems, Theory and Applications**, Mathematical Sciences Research Institute, Berkeley, California. (Aug. 2009, p. 864)

12-14 **Statistical Methods for Meteorology and Climate Change**, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal, (Québec) H3T 1J4 Canada. (Aug. 2010, p. 904)

13-14 **Connections for Women: Free Boundary Problems, Theory and Applications**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 784)

17-21 **AIM Workshop: Deformation theory, patching, quadratic forms, and the Brauer group**, American Institute of Mathematics, Palo Alto, California. (May 2010, p. 676)

18-21 **Efficiency of the Simplex Method; Quo Vadis Hirsch Conjecture?**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Jun./Jul. 2010, p. 785)

18-21 **Introductory Workshop: Free Boundary Problems, Theory and Applications**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 785)

23-25 **ACM-SIAM Symposium on Discrete Algorithms (SODA11)**, Holiday Inn, San Francisco Golden Gateway, San Francisco, California. (Mar. 2010, p. 434)

* 26-28 **International Conference on Operations Research and Optimization 2011 (ORO2011)**, School of Mathematics, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran.

Description: The aim of the conference is to bring together researchers and scientists from all over the world to discuss theoretical and applied aspects of Operations Research and Optimization. There will be rigorous plenary talks by invited speakers as well as contributed talks.

Language: English.

Subjects: Discrete/Continuous Optimization; Linear/Nonlinear Programming; Multiple-Objective Programming; Multi-Criteria Decision Making and Performance Analysis; Network Flows; Nonlinear Analysis and Convex Analysis with Applications in OR and Optimization; Nonsmooth Optimization and Variational Analysis; Optimal Control, OR in Biology, Industry, Management, and Economics; Stochastic Programming.

Information: <http://math.ipm.ac.ir/conferences/2011/ORO2011>.

27-28 **Connections for Women: Arithmetic Statistics**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 785)

31-February 4 **Introductory Workshop: Arithmetic Statistics**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 785)

February 2011

6-8 **3rd International Conference on Wireless Information Networks & Business Information System (WINBIS'11)**, Open Learning Society, Kathmandu, Nepal. (Jun./Jul. 2010, p. 785)

7-12 **Complex Geometry—Extremal metrics: Evolution equations and stability**, CIRM, Marseille, France. (Aug. 2010, p. 904)

14-19 **Fourth School and Workshop on Mathematical Methods in Quantum Mechanics**, Casa della Gioventù, University of Padova, Bresanone, Italy. (Aug. 2010, p. 904)

16-19 **International Conference on Operator Theory**, Monastir, Tunisia. (Jun./Jul. 2010, p. 785)

28-March 4 **SIAM Conference on Computational Science and Engineering (CSE11)**, Grand Sierra Resort and Casino, Reno, Nevada. (Jun./Jul. 2010, p. 785)

March 2011

7-11 **Free Boundary Problems, Theory and Applications Workshop**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 785)

7-11 (NEW DATE) **IMA Workshop: Computing in Image Processing, Computer Graphics, Virtual Surgery, and Sports**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 552)

* 12-13 **AMS Southeastern Section Meeting**, Georgia Southern University, Statesboro, Georgia.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

14-June 17 **Navigating Chemical Compound Space for Materials and BioDesign**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California. (Jan. 2010, p. 76)

16-18 **IAENG International Conference on Operations Research 2011**, Royal Garden Hotel, Kowloon, Hong Kong. (Aug. 2010, p. 904)

* 18-20 **AMS Central Section Meeting**, University of Iowa, Iowa City, Iowa.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

21-25 **AIM Workshop: Hypergraph Turán Problem**, American Institute of Mathematics, Palo Alto, California. (Aug. 2010, p. 905)

28-April 1 **International Conference on Homotopy and Non-Commutative Geometry**, Batumi State University, Batumi, Republic of Georgia. (Jun./Jul. 2010, p. 785)

April 2011

7-9 **ICMCS'11 - IEEE co-sponsored Conference 2nd International Conference on Multimedia Computing and Systems**, Ouarzazate, Morocco. (Aug. 2010, p. 905)

* 9-10 **AMS Eastern Section Meeting**, College of the Holy Cross, Worcester, Massachusetts.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

11-15 **Arithmetic Statistics**, Mathematical Sciences Research Institute, Berkeley, California. (Jun./Jul. 2010, p. 785)

11–15 IMA Workshop: Societally Relevant Computing, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 552)

* **17–19 7th IMA Modelling in Industrial Maintenance and Reliability**, Sidney Sussex College, University of Cambridge, United Kingdom.

Topics: Asset Life Cycle Costing; Condition Monitoring, Prognostics, and Health Management; Expert Elicitation in Reliability Modelling; Human Factors in Maintenance; Information, Communication, and AI in Maintenance; Integrated Maintenance and Supply Chain Management; Modelling of Inspection, Overhaul and Replacement; Reliability Modelling of Maintained Systems; Warranty and Maintenance Contract Analysis; TPM, RCM, and TQM.

Information: http://www.ima.org.uk/Conferences/7th_mimar/index.html.

18–22 Computational Statistical Methods for Genomics and Systems Biology, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal, (Québec) H3T 1J4 Canada. (Aug. 2010, p. 905)

27–28 Third Conference on Mathematical Sciences (CMS'2011), Department of Mathematics, Faculty of Science and Information Technology, Zarqa Private University, Zarqa, Jordan. (Aug. 2010, p. 905)

* **30–May 1 AMS Western Section Meeting**, University of Nevada, Las Vegas, Nevada.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

May 2011

1–August 31 MITACS International Focus Period on Advances in Network Analysis and its Applications, Locations throughout Canada. (Apr. 2010, p. 552)

2–4 Statistical Issues in Forest Management, Université Laval, Québec City, Canada. (Aug. 2010, p. 905)

9–13 Causal Inference in Health Research, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal, (Québec) H3T 1J4 Canada. (Aug. 2010, p. 905)

16–19 Analysis of Survival and Event History Data, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal, (Québec) H3T 1J4 Canada. (Aug. 2010, p. 905)

22–26 SIAM Conference on Applications of Dynamical Systems (DS11), Snowbird Ski and Summer Resort, Snowbird, Utah. (Mar. 2010, p. 434)

June 2011

5–7 National Conference On Nonlinear Analysis and Applications, Department of Mathematics, H.N.B. Garhwal University, Campus Pauri, Pauri Garhwal, Uttarakhand. (Jun./Jul. 2010, p. 786)

6–9 Copula Models and Dependence, Centre de recherches mathématiques, Université de Montréal, Pavillon André-Aisenstadt, Montréal, (Québec) H3T 1J4 Canada. (Aug. 2010, p. 905)

6–10 IMA Workshop: Large-scale Inverse Problems and Quantification of Uncertainty, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota. (Apr. 2010, p. 552)

* **14–17 2011 World Conference on Natural Resource Modeling**, Ottawa, Canada.

Theme: Modeling for a Sustainable Environment. This multidisciplinary conference provides a forum for new developments in modeling and analysis of natural resource systems, particularly involving the conference theme of modeling for a sustainable environment. Student prizes for posters and presentations given by the journal *Natural Resource Modeling*.

Information: Visit the website for updated information on keynote speakers, the scientific program, conference regis-

tration, and accommodation. Questions can be directed to Catherine A. Roberts, email: editor@resourcemodeling.org; <http://resourcemodeling.org/conferences/2011>.

* **22–24 3rd IMA International Conference Mathematics in Sport**, The Lowry, Salford Quays, United Kingdom.

Topics: Econometrics in sport; competitive strategy; match outcome models; decision support systems; analysis of sporting technologies; analysis of rules and adjudication; performance measures and models; optimisation of sports performance; mathematics education and sport, optimal tournament design and scheduling; computationally intensive methods; financial valuation in sport. The term sport is interpreted liberally here and includes: games and pastimes; gambling and on-line gaming; lotteries; and general fitness and health-related activities.

Information: http://www.ima.org.uk/Conferences/3rd_maths_sport/.

July 2011

* **6–8 IMA Conference on Nonlinearity and Coherent Structures**, University of Reading, United Kingdom.

Description: Nonlinear phenomena are ubiquitous in the natural world. Very often the nonlinearity coexists with a degree of order, and the associated coherent structures offer a solid reference point for theory and experiments. A noteworthy example are the so-called solitons, localised waves propagating nonlinearly and yet displaying many features of linearity. The theoretical developments in the field of nonlinear evolution phenomena and the mathematical study of coherent structures are relevant to many disparate fields, including nonlinear optics, random media, atmosphere and ocean dynamics, general relativity, high-energy particle physics, plasma physics, fluid and solid mechanics, Bose-Einstein condensation, nonlinear electrical circuits, and reaction-diffusion processes.

Information: <http://www.ima.org.uk/Conferences/ncs/index.html>

* **10–16 International Conference on Rings and Algebras in Honor of Professor Pjek-Hwee Lee**, National Taiwan University, Taipei, Taiwan.

Description: This conference honors Professor Pjek-Hwee Lee, a mathematician who devoted his life to research in ring and algebra theory and to promoting mathematics in Taiwan.

Invited Speakers: Matej Bresar (Slovenia), Surender Jain (USA), Chi-Kwong Li (USA), Cheng-Kai Liu (Taiwan), Leonid Makar-Limanov (USA), Hideyoshi Marubayashi (Japan), Jae Keol Park (Korea), Edmund Puczylowski (Poland), Louis Rowen (Israel), Peter Semrl (Slovenia), Lance Small (USA), Agata Smoktunowicz (UK), Robert Wisbauer (Germany), Efim Zelmanov (USA), Yiqiang Zhou (Canada).

Information: <http://moonstone.math.ncku.edu.tw/2011AlgConference/index.html>.

11–15 The 10th International Conference on Finite Fields and their Applications, Ghent, Belgium. (Jun./Jul. 2010, p. 786)

18–22 7th International Congress on Industrial and Applied Mathematics - ICIAM 2011, Vancouver, BC, Canada. (Jun./Jul. 2010, p. 786)

* **18–22 Geometry & Topology Down Under – A Conference in Honour of Hyam Rubinstein**, The University of Melbourne, Australia.

Description: Lecture series aimed at students and early career researchers will be given in the week prior to the conference, July 11–15, 2011.

* **25–27 SIAM Conference on Control and Its Applications (CT11)**, Hyatt Regency Baltimore, Baltimore, Maryland.

Description: This conference is sponsored by the SIAM Activity Group on Control and Systems Theory.

Information: <http://www.siam.org/meetings/ct11/>.

26–29 Conference in Harmonic Analysis and Partial Differential Equations in honour of Eric Sawyer, Fields Institute, Toronto, Canada. (Jun./Jul. 2010, p. 786)

August 2011

* 1–5 **Categories, Geometry and Physics**, Santa Marta, Colombia. (Jun./Jul. 2010, p. 786)

1–5 **Conference in Honour of Søren Asmussen—New Frontiers in Applied Probability**, Sandbjerg Estate, Sønderborg, Denmark. (Jun./Jul. 2010, p. 786)

* 8–13 **Formal and analytic solutions of differential and difference equations**, Mathematical Research and Conference Center in Bedlewo, Poland.

Scientific topics: Ordinary differential equations in the complex domain; Holomorphic vector fields, normal forms; Summability of WKB solutions; Gevrey solutions, summability of divergent series, Stokes phenomena; Formal solutions of PDEs; Small divisors phenomena; Nonlinear PDEs: semilinear heat, Burgers, KdV, Schrödinger, Navier-Stokes; Summability of formal solutions of difference equations; Analytic and Gevrey hypoellipticity and solvability; Applications to integrable systems and mathematical physics.

Information: <http://www.impan.pl/~fasde/index.php>.

* 15–19 **AIM Workshop: Graph and Hypergraph Limits**, American Institute of Mathematics, Palo Alto, California.

Description: This workshop, sponsored by AIM and the NSF, will be devoted to the emerging theory of graph and hypergraph limits.

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

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.

September 2011

* 10–11 **AMS Eastern Section Meeting**, Cornell University, Ithaca, New York.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

10–16 **Turning Dreams into Reality: Transformations and Paradigm Shifts in Mathematics Education**, Rhodes University, Grahamstown, South Africa. (Feb. 2010, p. 307)

12–16 **AIM Workshop: L^2 invariants and their relatives for finitely generated groups**, American Institute of Mathematics, Palo Alto, California. (Aug. 2010, p. 905)

* 12–16 **Mathematical and Computational Approaches in High-Throughput Genomics**, Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California.

Description: The goal of this long program is to bring together mathematical and computational scientists, sequencing technology developers in both industry and academia, and the biologists who use the instruments for particular research applications. This presents a unique opportunity to foster interactions between these three communities over an extended period of time and advance the mathematical foundations of this exciting field. We urge you to apply as early as possible. Applications will be accepted through May 12, 2011, but decisions will be made starting in December.

Information: <http://www.ipam.ucla.edu/programs/gen2011/>.

* 24–25 **AMS Western Section Meeting**, Wake Forest University, Winston-Salem, North Carolina.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

October 2011

* 14–16 **AMS Central Section Meeting**, University of Nebraska-Lincoln, Lincoln, Nebraska.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

* 22–23 **AMS Western Section Meeting**, University of Utah, Salt Lake City, Utah.

Information: <http://www.ams.org/meetings/sectional/sectional.html>.

December 2011

16–18 **The International Congress on Science and Technology**, Allahabad, U.P., INDIA (Oct. 2009, p. 1148)

April 2013

4–6 **38th Arkansas Spring Lecture Series in the Mathematical Sciences: “Extension and Interpolation of Functions”**, University of Arkansas, Fayetteville, Arkansas. (Jun./Jul. 2010, p. 786)

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