Mathematics Calendar

Please submit conference information for the Mathematics Calendar through the Mathematics Calendar submission form at `http://www.ams.org/cgi-bin/mathcal-submit.pl`. The most comprehensive and up-to-date Mathematics Calendar information is available on the AMS website at `http://www.ams.org/mathcal/`.

May 2014

* 5–9 **Hamiltonian Perturbation Theory: Separatrix Splitting, Theory and Applications**, Centro di Ricerca Matematica Ennio De Giorgi, Piazza dei Cavalieri 3, Pisa, Italy.
Main topics: Separatrix splitting for asymptotic manifolds: synthesis of various definitions, relationship with variational methods and weak KAM theory. Analytical methods numerical methods, examples. Applications to Arnold diffusion, non-integrability, entropy estimates, destruction of KAM tori. The workshop will start on Monday at 9:30 a.m. and end on Friday at 12:30 a.m.
Invited speakers* (to be confirmed): Marie Claude Arnaud, Patrick Bernard*, Ugo Bessi, Abed Bounemoura, Oriol Castejon, Thierry Combot, Gonzalo Contreras, Rafael De La Llave, Amadeu Delshams, Jacques Fejoz, Vassili Gelfreich, Marian Gidea, Marcel Guardia, Thomas Levy, Pierre Lochak, Vito Mandorino, Jean-Pierre Marco, Pau Martin, Richard Moeckel*, Lara Sabbagh, Tere Seara, Carles Simo, Alfonso Sorrentino, Dmitry Treschev*.
Registration: No registration fee. All participants must register their attendance online: `http://www.crm.sns.it/event/294/registration.html`.
Information: `http://www.crm.sns.it/event/294/`.

* 5–9 **Workshop on Theory and Practice of Secure Multiparty Computation**, Aarhus University, Aarhus, Denmark.
Description: Secure Multiparty Computation is a powerful cryptographic notion that — in theory — can solve virtually any cryptographic protocol problem. In recent years the technology has been used in practice and holds great promise for future applications. A similar — very successful — workshop was held in Aarhus in 2012. MPC technology can be used to implement, for instance, voting, auctions, procurement and benchmarking with better security, in particular without anyone having to reveal his private data to anyone else. This workshop brings together people in both theory and practice of the field, and we are convinced that this will prove very productive. The workshop is open for all participants, the target audience is Ph.D. students, postdocs and faculty members. The tutorials will not assume any background in secure computation, but will assume basic background in foundations of Cryptography.
Information: `http://cfem.au.dk/events/mpc-2014/`.

* 11–16 **International Conference "Topological and geometric methods in low-dimensional dynamical systems"**, Moscow Center for Continuous Mathematical Education. 119002, Bolshoy Vlasyevskiy Pereulok 11, Moscow, Russia.
Description: The conference is co-organized by the National Research University Higher School of Economics, Laboratory of Algebraic Geometry and its Applications, Baltic Institute of Mathematics, Aix-Marseille University.
Preliminary list of speakers (TBC): Pablo Aguirre, Laurent Bartholdi, Alexander Blokh, Adam Epstein, Sarah Koch, Lex Oversteegen, Mary Rees, Dierk Schleicher, Nikita Selinger, Katsutoshi Shinohara, Sergei Tabachnikov, Michael Yampolsky.
Information: `http://math.hse.ru/en/confmay2014`.

* 14–15 **The 7th International Conference of Iranian Operation Research Society**, Semnan University, Semnan, Iran.
Goal: To bring scholars in the field of operations research together to share their recent researches in the related topics. OR2014 (International Conference of Iranian Operations Research Society `http://www.OR2014.semnan.ac.ir`) has an open call for papers. The organizers of the conference are pleased to invite you to participate in this annual conference by submitting a paper reflecting your current research work.
Information: `http://or2014.semnan.ac.ir/index.php?slc_lang=en&sid=1`.

* 19–23 **School on the geometry and physics of moduli spaces**, Residencia La Cristalera, Miraflores de la Sierra, Madrid, Spain.
Description: The school will consist of 4 introductory courses on several active fields of current research in the theory of moduli

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spaces and their interplay with geometry, topology and theoretical physics.

Program: Sergei Gukov (Caltech): From Higgs bundles to knots and 3-manifolds; Nigel Hitchin (Oxford): Spectral curves; Franis Labourie (Orsay): Cyclic surfaces and Hitchin components; Peter Topping (Warwick): The Teichmueller harmonic map flow and minimal immersions. This activity is organized within the ICMAT Research Term on the Geometry and Physics of Moduli Spaces.

Organizers: Luis Alvarez-Consul (ICMAT, Madrid), Tomas L. Gomez (ICMAT, Madrid).

Sponsors: ICMAT Severo Ochoa Programme, GEAR Network–Geometric Structures and Representation Varieties, MODULI–Indo European Collaboration on Moduli Spaces.

Registration deadline: March 20th, 2014.

Information: `http://www.icmat.es/RT/GPMODULI/school.php`.

* 24 **ALGECOM 10**, University of Illinois, Urbana-Champaign, Illinois.

Description: Algebra, Geometry and Combinatorics Day (AlGeCom) is a one day, informal meeting of mathematicians from the University of Illinois, Purdue University, IUPUI, Loyola University Chicago, and nearby universities, with interests in algebra, geometry and combinatorics (widely interpreted).

Information: `http://sites.google.com/site/algecomday/algecom10`.

* 24–28 **Ramsey Theory Conference**, University of Denver, Denver, Colorado.

Aim: Of this conference is to bring together students and researchers from around the world in the field of Ramsey Theory. The focus is on structural and infinitary Ramsey theory and applications to other fields of mathematics, including Banach spaces, Boolean algebras, Set Theory, and Topological Dynamics. The conference will consist of a large number of plenary talks and contributed talks of 25 minutes.

Language: The official language of the conference is English.

Information: `http://portfolio.du.edu/ramsey/`.

* 26–30 **Algebraic Topology — Methods, Computation and Science 6 (ATMCS6)**, PIMS, University of British Columbia, Vancouver, Canada.

Description: Applied and computational topology refers to the adaptation of topological ideas and techniques to study problems in science and engineering. A particular focus is on using invariants and methods of algebraic topology to understand large high-dimensional data sets. The further development of topological techniques for use in applications and the creation of new areas of application in the subject are amongst the goals of this workshop. The workshop will bring together leading researchers in this emerging discipline as well as providing an opportunity for young mathematicians to get involved in it. In past years, the ATMCS conference has been very successful in providing a forum for cutting-edge research to be disseminated; attendance tends to represent a broad swath of the diverse research community which works in this area.

Information: `http://www.pims.math.ca/scientific-event/140526-atmcs`.

* 26–June 6 **Stochastic Equations for Complex Systems: Theory and Applications**, University of Wyoming, Laramie, Wyoming.

Description: This program will expose participants to recent developments in stochastic analysis and its application to complex systems. Topics include the theory of SDEs, Malliavin calculus, multiscale methods, Monte Carlo methods and molecular dynamics.

Information: `http://www.uwyo.edu/bessaih/rmmc.html`.

* 29–31 **GAP 2014: Geometry and Physics (Geometry and Supersymmetry)**, Pacific Institute for Mathematical Sciences (PIMS), Vancouver, British Columbia, Canada.

Theme: This year's theme is: geometry and supersymmetry. Every year, the GAP conference focuses on a current hot research topic at the interface between geometry and physics. The conference usually consists of 4 or 5 mini-courses on different aspects of the chosen theme.

Organizers: Charles Doran (Alberta), Marco Gualtieri (Toronto), Tristan Hübsch (Howard), Spiro Karigiannis (Waterloo), Ruxandra Moraru (Waterloo), and McKenzie Wang (McMaster).

Mini-courses: Will be given by the following speakers: Chris Brav (Institute for Advanced Study), Ron Donagi (University of Pennsylvania), José Figueroa-O'Farrill (University of Edinburgh), Daniel Waldram (Imperial College London). In addition, an introductory lecture and a special public lecture will be given by: James Gates (University of Maryland).

Information: `http://www.math.uwaterloo.ca/~gap`.

June 2014

* 5–7 (UPDATE) **Number Theory at Illinois: A Conference in Honor of the Batemans and Heini Halberstam**, University of Illinois, Urbana, Illinois.

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).

Information: `http://www.math.illinois.edu/nt2014`.

* 11–13 **Karatekin Mathematics Days 2014**, Karatekin University, Çankiri, Turkey.

Description: The main purpose of the symposium is to provide a platform for mathematicians from all around the world to present their recent works, share innovations, new ideas and methods. In addition, it also aims to construct new opportunities of collaboration or to improve collaboration among local and international participants by bringing together mathematicians and experts from various fields. The scientific program covers the full spectrum of topics in Mathematics, with diverse and eminent participants sharing their knowledge and experience.

Information: `http://kmd.karatekin.edu.tr`.

* 11–15 **5th Cornell Conference on Analysis, Probability, and Mathematical Physics on Fractals**, Cornell University, Ithaca, New York.

Description: The purpose of this conference, held every three years, is to bring together mathematicians who are already working in the area of analysis and probability on fractals with students and researchers from related areas. The conference is partially supported by the NSF grant DMS-1361934. Financial support will be available to a limited number of participants to cover the cost of housing in Cornell single dormitory rooms and partially support other travel expenses. Students and junior researchers from underrepresented groups in STEM are particularly encouraged to apply for travel funding.

Information: `http://www.math.cornell.edu/~fractals/`.

* 23 **One-Day Conference on Geometry and Statistics**, Department of Mathematical Sciences, University of Bath, Bath, United Kingdom.

Description: The aim of this one-day conference is to attract mathematicians and in particular, Geometers, to work together with Statisticians in this area by highlighting interesting and powerful applications of Geometry to Statistics. The conference takes a very broad view of the interplay between geometry (differential, algebraic, convex, etc) and statistics which includes: the model

functional space approach; information geometry; which endows probability densities with appropriate differential geometric structures and from there develops method to analyse data; the data geometry approach which gives geometries to the space of the data and for which prominent examples are the computational geometry based algorithms used in robust statistics; the geometric approach to enhance/understand modern Monte Carlo sampling techniques such as Hamiltonian Monte Carlo.

Information: `http://people.bath.ac.uk/kai21/ conference.html`.

* 23–27 **Mini-courses in Mathematical Analysis 2014**, University of Padova, Padova, Italy.

Description: Following a long-standing tradition, the University of Padova, Italy, is organizing the meeting "Mini-courses in Mathematical Analysis 2014". The meeting will take place at "Torre Archimede", a new building of the University of Padova in the city center, during the week 23-27 June 2014. The program consists of four lecture courses delivered by invited speakers and a limited number of short communications. The meeting aims at introducing the participants to important current research fields in Mathematical Analysis. The meeting is particularly indicated not only to graduate students, post-docs and young researchers but also to well-established experts in Mathematical Analysis. In association with ISAAC — International Society for Analysis, its Applications and Computation.

Information: `http://minicourses.dmsa.unipd.it/`.

* 24–28 **Flint: One City — 100 Years Under Variability**, Kettering University, 1700 University Ave., Flint, Michigan.

Description: This international conference is being organized by Kettering University to celebrate the IYS 2013 and the 175th anniversary of the American Statistical Association. The main focus of this conference will be on the Statisticals Methods and Studies of Historical Data. Participants may use any data of their choice. Data about the City of Flint, MI, consisting of up to 100 years of demographic, health, labor, census, and crime records will be summarized in advance of the conference and made available to the participants. Conference sessions will start with extended presentations of the statistical achievements and perspectives in the discussed area, followed by several talks on current results.

Information: `http://bulldogs.kettering.edu/fisc/`.

* 30–July 11 **Advanced School on PDEs in Geometry and Physics**, University of Science and Technology of China, Hefei, People's Republic of China.

Description: ICTP, Trieste, along with USTC, Hefei, are jointly organizing an advanced school to be held at USTC, Hefei, directed by C. Arezzo, J. Li and G. Tian.

Focus: The main focus of the school will be on various aspects of elliptic and parabolic equations on real and complex manifolds aimed primarily at graduate students and young researchers working in geometric analysis. Six-hour lecture courses will be given by the following lecturers: H.-J. Hein (Universite' de Nantes, France); Y. Rubinstein (University of Maryland, U.S.A.); J. Streets (University of California at Irvine, USA.) Three-hour lecture courses will be given by Q. Zhang (University of California at Riverside, U.S.A.); Z. L. Zhang (Capital Normal University, Beijing, People's Republic of China). A number of advanced one-hour seminars will be given during the school by leading researchers.

Information: `http://agenda.ictp.it/smr.php?2625`.

July 2014

* 3–7 **CMMSE 2014: 14th International Conference Computational and Mathematical Methods in Science and Engineering**, Costa Ballena, Cadiz, Spain.

Call for Presentations: The 2014 Conference on Mathematical Methods in Science and Engineering Conference (CMMSE-2014), is the 14th of this conference series.

Aim: CMMSE2014 aims to be a unifying, cross-cutting, interdisciplinary gathering, where specialists can have exposure to diverse fields and participate in special sessions different from but still close to their own interests.

Description: Standard presentation: 30 minutes in length. –Special Sessions: Minimum of 4-5 presentations. –Minisymposium more than 14 papers. Special session & minisymposium chairs can act as plenary speakers. Special session & minisymposium chairs can act as editors of the proceedings. Special session & mini-symposium chairs can act as editors of the journals special issues produced.

Information: `http://gsii.usal.es/~CMMSE/`.

* 14–17 **International Workshop on Neurodynamics (NDy14)**, CIEM, Castro-Urdiales, Spain.

Description: Neuroscience is nowadays one of the most collaborative and active scientific research fields as it has been increasingly involving the participation of experts from other disciplines. The aim of this Workshop on Neurodynamics (NDy'14) is to present an overview of successful achievements in this rapidly developing collaborative field by putting together different types of applications of nonlinear dynamics (geometrical tools, numerical methods, computational schemes,...) to problems in neuroscience (mononeuronal dynamics, network activity, cognitive problems,...). Emphasis will be put on experimental findings seeking for theoretical explanations, and so this meeting is focused on using mathematics as the primary tool for elucidating the fundamental mechanisms responsible for experimentally observed behavior in the applied neurosciences. The final goal is spreading together mathematical methodology and neuroscience, being Mathematical Neuroscience the generic topic for NDy'14.

Information: `http://cody.unizar.es/events/ neurodynamics14`.

* 28–August 1 **The 2014 Brock International Conference on Groups, Rings and Group Rings**, Brock University, St. Catharines, Ontario, Canada.

Description: Recent advances in several areas, including algebras with polynomial identities, graded algebras and Lie algebras, coding theory, and the search for set-theoretic solutions of the Yang-Baxter equations have shed light on the importance of techniques developed initially for group rings. The Brock International Conference on Groups, Rings and Group Rings will bring international groups of researchers in group rings together with those in areas with close connections to group rings to present and discuss the latest advances in these areas in the beautiful setting of the Niagara region. Online Registration and further information is now available at the conference website.

Information: `http://www.fields.utoronto.ca/ programs/scientific/14-15/grouprings/`.

August 2014

* 11–15 **ALTENCOA6-2014**, Departamento de matemáticas y Estadistica, Universidad de Nariño, San Juan de Pasto, Colombia.

Description: During these days we will celebrate 10 years from the creation of the ALTENCOA meetings and 15 years of the foundation of the research group ALTENUA. In this version the meeting will have the following areas: Algebra (Hernan Giraldo, Univ. de Antioquia, Medellin); Number theory (Carlos Trujillo, Univ. del Cauca, Popayán); Combinatorics (Carolina Benedetti, Michigan State Univ.); Applications (Oscar Moreno, Gauss Research Laboratory, Inc., Puerto Rico); Solving problems (Luis Fernando Cáceres, Univ. de Puerto Rico, Campus Mayagüez).

Information: `http://dematyes.udenar.edu.co/altencoa6/` or send email to `altencoa62014@gmail.com`.

* 12–14 **Third Seminar on Algebra and its Applications**, University of Mohaghegh Ardabili, Ardabil, Iran.

Description: The seminar continues the tradition of "workshop on Algebra and its Applications" and "Second Seminar on Algebra and

its Applications" which was held at the University of Mohaghegh Ardabili in 2010 and 2012. We would like to invite you to participate, present a paper or a workshop in this seminar whose main topics are all areas of algebra and applications of algebra. The seminar will take place at the Faculty of Mathematical Sciences of the University of Mohaghegh Ardabili which is located in the main campus of the University. After the seminar, selected papers will be published in the special issue of *Journal of Hyperstructures* according to the policies of the journal.

Information: http://www.uma.ac.ir/index.php?sid=44&slc_lang=en.

* 12–16 **13th International Conference on p-adic Functional Analysis**, University of Paderborn, Paderborn, Germany.

Description: The conference is directed to researchers in p-adic functional analysis and related areas, like non-archimedean analysis and non-archimedean dynamical systems. It is part of a series of biennial international conferences on p-adic functional analysis.

Scientific board: J. Aguayo Garrido, A. Escassut, A. K. Katsaras, A. N. Kochubei, H. Ochsenius, M. C. Perez Garcia, K. Shamseddine, W. H. Schikhof.

Local organizer: Helge Glöckner.

Information: http://www2.math.uni-paderborn.de/index.php?id=17337.

* 26–30 **The 10th William Rowan Hamilton Geometry and Topology Workshop on Homological Invariants in Low-dimensional Topology and Geometry**, The Hamilton Mathematics Institute, Trinity College Dublin, Ireland.

Description: The workshop consists of a two day mini-course August 26–27, followed by a three day lecture series, August 28–30, 2014. This year's minicourse will be given by Jacob Rasmussen (Cambridge) and Liam Watson (Glasgow) on "Floer homology and low-dimensional topology". The minicourse will run August 26–27 and consist of a two-day series of lectures and discussions. The target audience is graduate students and junior researchers. The lecture series will be August 28–30, speakers to be announced. The workshop is co-sponsored by Boston College, the HMI and the NSF. Funding is available for graduate students and junior researchers wishing to attend the minicourse and workshop. A limited amount of funding is also available for junior and senior researchers wishing to attend the workshop. If you would like to request travel support you can do so on the workshop website.

Information: http://www.hamilton.tcd.ie/events/gt/gt2014.htm.

September 2014

* 1–5 **International School on Mathematical Epidemiology-ISME 2014**, Strathmore University, Nairobi, Kenya.

Description: ISME 2014 is the first school of annual series of international graduate schools on Mathematical Modelling in Biology and Medicine organized by CARMS of Strathmore University, Kenya. The school will include lectures on mathematical epidemiology, and one of the most important aspects will be projects for groups of 4.6 participants, mixing scientific backgrounds and levels of experience, and focusing on real-world problems around which participants develop and analyze models. It will also incorporate several lectures on public-health topics with focus on those relevant to other events such as global spread, indigenous population's health, vector-borne diseases and integration of surveillance, statistical data analysis and dynamical modelling and simulations.

Information: http://www.strathmore.edu/carms.

* 8–11 **CICAM 7, Seventh China-Italy Colloquium on Applied Mathematics**, Palermo, Italy.

Description: The Italian-Chinese Congress of Applied Mathematics was born in consequence of a long scientific collaboration between mathematicians at the University of Napoli, Catania, Bologna, Palermo and Torino and some universities of China. Over the years, there were two editions of the Conference in Napoli, three in China (Xian, Chonqing, Shanghai) and one in Catania. One of the main purposes of the conference is to strengthen and develop scientific cooperation between the research groups of Applied Mathematics, Physics and Biomathematics operating in Italy and China.

Information: http://www.math.unipa.it/~cicam7.

* 8–12 **Workshop on Special Geometric Structures in Mathematics and Physics**, University of Hamburg, Hamburg, Germany.

Description: This 5-day workshop aims to bring together researchers in various fields of differential geometry with theoretical physicists. Each speaker will give two talks, one of which will be of a more introductory nature, thus making the workshop accessible also for Ph.D. students.

Information: http://www.math.uni-hamburg.de/sgstructures/.

* 10–12 **IMA Conference on Mathematical Modelling of Fluid Systems**, University of Bath, United Kingdom.

Description: As the most versatile medium for transmitting signals and power, fluids (gas or liquid) have wide usage in industry. Fluid systems are used in machine tool applications, vehicle control systems, where high power to weight ratio, accuracy and quick response are required. Fluid systems for industrial processes often involve networks consisting of tanks, pipes, orifices, valves, pumps and other flow devices. It is important to develop a systematic method to mathematically model different types of fluid systems for safe and optimal operations.

Information: http://www.ima.org.uk/conferences/conferences_calendar/ima_conference_on_mathematical_modelling_of_fluid_systems.html

* 29–October 3 **AIM Workshop: Quantum curves, Hitchin systems, and the Eynard-Orantin theory**, American Institute of Mathematics, Palo Alto, California.

Description: This workshop, sponsored by AIM and the NSF, will be devoted to establishing a mathematical theory of quantum curves.

Information: http://aimath.org/workshops/upcoming/quantumcurves.

November 2014

* 13–15 **SIAM Conference on Financial Mathematics and Engineering (FM14)**, The Palmer House, A Hilton Hotel, Chicago, Illinois.

Description: The Activity Group on Financial Mathematics and Engineering focuses on research and practice in financial mathematics, computation, and engineering. Its goals are to foster collaborations among mathematical scientists, statisticians, computer scientists, computational scientists, and researchers and practitioners in finance and economics, and to foster collaborations in the use of mathematical and computational tools in quantitative finance in the public and private sector. The activity group promotes and facilitates the development of financial mathematics and engineering as an academic discipline.

Information: http://www.siam.org/meetings/fm14/.

* 14–17 **Conference on Mathematics and its Applications-2014**, Kuwait University, Kuwait City, Kuwait.

Description: The Conference on Mathematics and its Applications-2014 (CMA-2014) is broad-based spanning Algebra, Analysis, Discrete Mathematics, and Inverse Problems and Imaging.

Aim: Is to highlight the latest advances in different areas of mathematics and emphasis their applications to other disciplines. The conference will gather renowned scholars in mathematics from around the world and provide a forum to exchange ideas and discuss research findings, as well as to form new inter-disciplinary connections among the participants.

Information: http://cma2014.science.ku.edu.kw.

* 17–21 **AIM Workshop: Bounded gaps between primes**, American Institute of Mathematics, Palo Alto, California.
Description: This workshop, sponsored by AIM and the NSF, will focus on the remarkable progress made in the last year on gaps between prime numbers.
Information: `http://aimath.org/workshops/upcoming/primegaps2`.

* 26–29 **International Congress on Music and Mathematics**, University of Guadalajara, Puerto Vallarta, Mexico.
Description: In the context of the 20th anniversary of the University Center for Exact Sciences and Engineering (CUCEI-UdeG, Mexico), and the 40th anniversary of the National Center for Music Research, Documentation and Information (CENIDIM.INBA, Mexico), this Congress will focus on the relationship between music and mathematics, both applied and pure, understood as systems, techniques, technologies, theories, and creative work. International and interdisciplinary contributions are highly appreciated. The Congress will examine the essentials of analogous thought and its meaning and functioning in the broadest sense of .abstract forms in music. A wider view on music and mathematics will be also considered. The venue will bring together scholars, researchers, students and artists from many disciplines, converging within the announced topics. We welcome innovative and unexpected proposals on topics that address diverse aspects of music an mathematics.
Information: `http://icmm.cucei.udg.mx/`.

December 2014

* 1–5 **International Conference on Applied Mathematics — in honour of Professor Roderick S. C. Wong's 70th Birthday**, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong, Hong Kong.
Description: The objectives of the conference are to review and discuss some of the latest trends in various fields of applied mathematics. In particular, with a special emphasis on asymptotic and special functions, partial differential equations, computational mathematics, approximation theory, mathematical physics, mathematical biology and financial mathematics. The conference is dedicated to Professor Roderick in recognition of his mathematical achievements and his contributions in the mathematical society. During the conference, the William Benter Prize in Applied Mathematics 2014 will be awarded, and the recipient will give a plenary lecture. The aim of the Prize is to recognize outstanding mathematical contributions that have had a direct and fundamental impact on scientific, business, finance and engineering applications.
Information: `http://www6.cityu.edu.hk/rcms/icam2014/index.htm`.

* 8-12 **AIM Workshop: Transversality in contact homology**, American Institute of Mathematics, Palo Alto, California.
Description: This workshop, sponsored by AIM and the NSF, will bring together specialists in symplectic and contact topology with the goals of clarifying the gaps in current arguments concerning the definition of contact homology and of moving forward to fill these gaps and build precise foundations for the cylindrical, linearized, local, and possibly other versions of contact homology.
Information: `http://aimath.org/workshops/upcoming/transcontacthom`.

* 19–21 **2014 Fourth International Conference on Emerging Applications of Information Technology (EAIT 2014)**, Indian Statistical Institute, Kolkata, India.
Description: Encouraged by the earlier responses and keeping the tradition CSI Kolkata Chapter is organizing EAIT 2014 during Dec 19-21, 2014. The event will comprise of Pre-Conference Tutorials, plenary sessions, invited lectures by eminent speakers of international repute, session papers and panel discussions. Original unpublished contributions are solicited for presentation at EAIT 2014. Papers cannot be submitted in parallel to any other conference or journal.

Topics: Of interest include but are not limited to: Image Processing, Computer Vision and Pattern Recognition; Machine Learning, Data Mining and Computational Life Sciences; Management of Data including Big Data and Analytics; Distributed and Mobile Systems including Grid and Cloud infrastructure; Information Security and Privacy. Please check conference website for more details and updates.
Information: `http://sites.google.com/site/csieait/`.

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.

May 2015

* 28-31 **3rd International Conference on "Applied Mathematics & Approximation Theory-AMAT 2015"**, Ankara, Turkey.
Description: All subareas and topics of Applied Mathematics and Approximation Theory are welcome.
Plenary Speakers: George A. Anastassiou (University of Memphis, USA); Jerry L. Bona (University Illinois at Chicago, USA); Alexander Goncharov (Bilkent University, Turkey); Weimin Han (University of Iowa, USA); Varga Kalantarov (Ko University, Turkey); Gitta Kutyniok (Technische Universitt, Germany); Choonkil Park (Hanyang University, South Korea); Tamaz Vashakmadze (Tbilisi State University, Georgia).
Organizers: George A. Anastassiou (University of Memphis, USA) and Oktay Duman (TOBB Economics and Technology University, Ankara, Turkey).
Contact: email: `amat2015@etu.edu.tr`; `amat2015conference@gmail.com`.
Information: `http://amat2015.etu.edu.tr/`.