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/`.

February 2014

* 12–14 **International Conference on Recent Trends in Algebra and Analysis with Applications**, Department of Mathematics, Aligarh Muslim University, Aligarh 202002, India.
Description: The purpose of the conference is to bring together the mathematicians from over all the world working in related areas to present their research, to exchange new ideas, to discuss challenging issues, to foster future collaborations and to expose young researchers.
Information: `http://www.amu.ac.in/newevent/event/9864.pdf`.

* 17–21 **Recent Advances in PDEs and Applications (on the occasion of Professor Hugo Beirao da Veiga's 70th birthday)**, Bellavista Relax Hotel, Levico Terme, Italy.
Description: The Conference aims at presenting high level talks from leading scientists on the recent developments in the theory of partial differential equations, in particular those related to fluid dynamics. It is also a way for celebrating Hugo Beirao da Veiga's 70th birthday. The Conference will be cofinanced by CIRM–Centro Internazionale per la Ricerca Matematica, GNAMPA, DICATAM (sez. di Matematica, Università di Brescia) and Dipartimento di Matematica, Università di Trento.
Scientific organizers: Pierangelo Marcati (L'Aquila), Paolo Secchi (Brescia), Raul Serapioni (Trento), Alberto Valli (Trento).
Scientific Committee: Claude Bardos (Paris 6), Vladimir Georgiev (Pisa), Vicentiu D. Radulescu (Bucharest), Adelia Sequeira (Lisboa), Vsevolod A. Solonnikov (St. Petersburg).
Information: `http://www.science.unitn.it/cirm/PDEs2014.html`.

* 22–23 **21st Southern California Geometric Analysis Seminar**, University of California, Irvine, California.
Description: This annual weekend conference series gathers together mathematicians from the southern California region and throughout the United States to hear and discuss some of the recent developments in geometric analysis and related topics. The conference is supported by the National Science Foundation and there are funds available to support travel expenses of participants, especially for graduate students, recent Ph.D's, and under-represented minorities. Please see the conference website for the list of invited speakers and further information.
Information: `http://www.math.uci.edu/~scgas/`.

March 2014

* 8–9 **Ohio River Analysis Meeting 4**, University of Kentucky, Lexington, Kentucky 40506-0027
Description: The Fourth Ohio River Analysis Meeting (ORAM) is jointly organized by the University of Cincinnati and the University of Kentucky. The meeting highlights advances in partial differential equations and analysis.
Lectures/Speakers: It features 5-6 invited plenary lectures (confirmed speakers to date are W. Gangbo, A. Greenleaf, C. Demeter, and I. Mitrea) and contributed talks. It is anticipated that travel support will be available for young researchers, please check the website.
Information: `http://www.math.uky.edu/oram14`.

* 13–15 **International Workshop "Advances in Nonlinear Analysis"**, Department of Mathematics, University of Pittsburgh, Pittsburgh, Pennsylvania.
Description: The workshop will be held in the framework of 2014 Theme Semester on Convex Integration and Analysis at the University of Pittsburgh. It brings together some leading researchers in Nonlinear Analysis and aims to present the most recent developments and techniques at the crossing of Partial Differential Equations, Geometric Analysis, Geometric Measure Theory, Harmonic Analysis and Potential Theory, and Nonlinear Analysis. Some financial assistance will be available for graduate students and young researchers. See the website for the details.

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 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/`.

Information: http://www.math.pitt.edu/~lewicka/
Semester_ConvInt_14/adv_non_anal_workshop.html.

* 15–September 15 **Thematic Semester on Moduli Spaces in Rennes - Nantes - Angers - Brest in Spring/Summer 2014**, Universities of Rennes-Nantes-Brest-Angers and Ecole Normale Superieure of Rennes, Rennes, Brittany, France.

Description: In spring/summer 2014 a special algebraic geometry semester, in particular on moduli spaces, will be organized by the labex Centre Henri Lebesgue (CHL)—headed by the IRMAR dept. and the ENS in Rennes, and by the LMJL dept. in Nantes. This will consist in several activities (schools, conferences, workshops, etc.) related broadly to moduli spaces from analytic, algebraic and arithmetic points of view, to be held in Rennes, Nantes, Angers and Brest.

Subscription forms/Support: All the information and subscription forms can be found on the website http://www.lebesgue.fr/semestre2014. If you are interested in some of the events, it is also possible to get some financial support from the CHL for travel and accomodation. Please check the details on the website.

Information: http://www.lebesgue.fr/content/sem2014-espaces-de-modules.

* 20–22 **CONIAPS XVI (16th International Conference of International Academy of Physical Sciences)**, PDPM Indian Institute of Information Technology, Design & Manufacturing, Jabalpur, India.

Description: CONIAPS XVI is organized to discuss and appreciate the potentialities of the interacting ideas and researches to meet the challenges of the future. The conference will focus on established and emerging problems in the field of Physics, Chemistry, Mathematics, Statistics, Computer Science, Information Technology, and Earth-Sciences (Geophysics, Geology and Geography) as well as topics related to applications of Physical Sciences to Bio-sciences (Biophysics, Bioinformatics, Biochemistry, Bio-mathematics etc.), Electronics and Engineering Sciences. Original contributions related to these areas are invited for presentations.

Information: http://coniaps.iiitdmj.ac.in/aboutus.html.

* 24–29 **Fractal Geometry and Stochastics V**, Hotel Am Burgholz, Tabarz (Thuringian Forest), Germany.

Description: This is the fifth of a highly successful series of conferences that have been held every 4-5 years on Fractal Geometry and Stochastics. Areas covered include: Analysis and geometry on graphs and fractals; Algebraic and number theoretical methods for fractals; Fractals and dynamical systems; Random fractals and stochastic processes; Geometric measure theory in metric spaces.

Information: http://www.fgs5.uni-jena.de.

April 2014

* 5 **2nd Annual Midwest Women in Mathematics Symposium**, University of Notre Dame, Notre Dame, Indiana.

Description: The Midwest Women in Math Symposium moves to Notre Dame on April 5, 2014, for its second year. Based on the successful WIMS held in Southern California, the University of Illinois-Chicago hosted the first such event in the midwest. We hope to strengthen the network of female mathematicians in the midwest and encourage collaborations and mentoring relationships. Most of the space is dedicated to short research talks by graduate students and faculty, a keynote address, and a problem session. Lunch will be provided with time to explore issues surrounding being a woman in mathematics. We will have parallel sessions in: Algebra, Dynamical Systems, Geometry and Topology, Logic, Mathematical Biology, Partial Differential Equations Statistics.

Information: http://www3.nd.edu/~wims/.

* 10–17 **Finsler geometry and applications to hyperbolic geometry and Teichmüller spaces**, Galatasaray University, Istanbul, Turkey.

Description: A series of 5-hour lectures, on Finsler geometry and applications to hyperbolic geometry and Teichmüller spaces, by:

Norbert A'Campo (Basel), Moon Duchin (Tufts University), Ludovic Marquis (University of Rennes), Constantin Vernicos (University of Montpellier), Sumio Yamada (Gakushuin University, Tokyo) and Vladimir Matveev (to be confirmed; Univ. of Iena). There will also be some individual lectures on the subject by invited researchers. The event is addressed primarily to young researchers (Ph.D. students and post-docs) but confirmed researchers are also welcome. To participate please consult the website. Contact: A. Papadopoulos, papadop@math.u-strasbg.fr.

Information: http://math.gsu.edu.tr/2014-finsler.html.

* 11–13 **29th Geometry Festival**, Stony Brook University, Stony Brook, New York.

Description: Details to be announced in December.

* 11–13 **Underrepresented Students in Topology and Algebra Research Symposium (USTARS)**, UC Berkeley, Berkeley, California.

Description: Underrepresented Students in Topology and Algebra Research Symposium (USTARS) creates a venue where Algebra and Topology graduate students from underrepresented groups present their work and form research and social support networks with other mathematicians with related research interests. This event is a two-day research symposium which will consist of underrepresented speakers giving 30-minute research talks. These talks will run in parallel sessions and will be divided by topics based on a broad definition of Algebra and Topology. In addition, two distinguished graduate students and one invited faculty mentor will each give one-hour talks and there will be a research poster session featuring invited undergraduate students. The event will close with a panel discussion addressing critical transitions of undergraduate and graduate students.

Information: http://www.ustars.org.

* 15–16 **3rd International Conference on E-Education & Learning Technologies (ICEELT 2014)**, Bangkok, Thailand.

Description: (ICEELT 2013) is designed to provide a common platform to the experts and delegates to share their experiences, research ideas and discuss various related issues and challenges.

Information: http://www.iceelt.com.

* 15–16 **3rd International Conference on Information Integration and Computing Applications (ICIICA 2014)**, Bangkok, Thailand.

Description: 3rd ICIICA 2014 mission is to provide an effective and established international forum for discussion and dissemination of recent advances and innovations in use of technology in education.

Information: http://www.iciica.com.

* 29–30 **2nd International Conference on Information, Communication and Computer Networks (ICICCN 2014)**, Kuala Lumpur, Malaysia.

Description: 2nd ICICCN 2014 mission is to provide an effective and established international forum for discussion and dissemination of recent advances and innovations in use of technology in education.

Information: http://www.iciccn.com.

* 29–30 **4th International Conference on E-Learning and Knowledge Management Technologies (ICEKMT 2014)**, Kuala Lumpur, Malaysia.

Description: ICEKMT 2014 aims at bringing together researchers and practitioners who are interested in e-Learning Technology and Knowledge Management Technology and its current applications.

Information: http://www.icekm.com.

May 2014

* 2–4 **14th Chico Topology Conference**, California State University, Chico, Chico, California.

Invited Speakers: Include Carmen Caprau (CSU, Fresno), Moon Duchin (Tufts University), Logan Hoehn (Nipissing University), and Marcus Marsh (CSU, Sacramento).

Call for Contributed Talks: Researchers at all levels are invited to present 30-minute contributed talks in any area of topology. Send Title and Abstract to: TMattman@CSUChico.edu.
Information: `http://www.csuchico.edu/~tmattman/CTC.html`.

* 5–9 **Eigenvectors in Graph Theory and Related Problems in Numerical Linear Algebra**, Brown University, Providence, Rhode Island.
Description: The analysis of problems modeled by large graphs is greatly hampered by a lack of efficient computational tools. The purpose of the workshop is to explore possibilities for designing appropriate computational methods that draw on recent advances in numerical methods and scientific computation. Specifically, the questions of how to form the matrices representing graph Laplacians, and how to compute the leading eigenvectors of such matrices will be addressed. It seems likely that these problems will be amenable to algorithms based on randomized projections that dramatically reduce the effective dimensionality of the underlying problems. Such techniques have recently proven highly effective for the related problems of how to find approximate lists of nearest neighbors for clouds of points in high dimensional spaces, and for constructing approximate low-rank factorizations of large matrices. In both cases, a key observation is that the problem of distortions of distances that is inherent to randomized projection techniques can be overcome by using the randomized projections only as preconditioners; they inform the algorithm of where to look, and then highly accurate deterministic techniques are used to compute the actual output. The resulting algorithms scale extra-ordinarily well on modern parallel and multicore architectures. To successfully address the enormous problems arising in the analysis of graphs, it is expected that additional machinery will be needed, such as the use of multi-resolution data structures, and more efficient scalable randomized projections.
Information: `http://icerm.brown.edu/sp-s14`.

* 21–24 **Progress on Difference Equations**, Izmir University of Economics, Department of Mathematics, Izmir, Turkey.
Description: This meeting continues in the line of other PODE workshops, the first two held in Laufen (Germany) PODE 2007, PODE 2008, followed by the workshops in Bedlewo (Poland) PODE 2009, Xanthi (Greece) PODE 2010, Dublin (Ireland) PODE 2011, Richmond (Virginia, USA) PODE 2012 and Bialystok (Poland) PODE 2013. The workshop aim is to provide a forum for researchers in the area of difference equations (ordinary and partial), discrete dynamical systems, and their applications, to discuss and exchange their latest works. There will be organized a special session dedicated to fractional difference equations. Registration fee includes some meal expenses (lunch and tea/coffee/cookies) in addition to the conference package. Discounted airfare to Izmir may be obtained from American/Europe, Turkish Airlines (or any OneWorld airline). Ramada Encore Hotel Izmir will give a discount for accommodations.
Information: `http://dm.ieu.edu.tr/pode2014`.

* 23–25 **Non-Associative & Non-Commutative Algebra and Operator Theory. Dakar's Workshop in Honor of Professor Amin Kaidi**, University Cheikh Anta Diop, Dakar, Senegal.
Description: The objective of this Conference is to bring together pure/applied mathematicians, with common interest for algebra, functional analysis and applications.
Topics: Focus on the non-commutative algebras, the non-associative algebras, the operator theory and the rings and modules theory. These themes are relevant in research and development in coding theory, cryptography and quantum mechanics.
Information: `http://workshop2014.lacgaa.com/`.

* 26–June 20 **Teichmüller theory and surfaces in 3-manifolds (Intensive Research Period)**, Centro di Ricerca Matematica "Ennio De Giorgi", Piazza dei Cavalieri 7, 56100 Pisa, Italy.

Main topics: Riemann surfaces, hyperbolic surfaces, CP1-structures. Geometric structures on Riemann surfaces, representation of surface groups. Teichmüller theory, special mappings between surfaces. Riemannian and Lorentzian 3-manifolds of constant curvature. Surfaces immersed in 3-manifolds, minimal surfaces. During weeks I, II, and IV there will be mini-courses, research talks, discussions. An intensive workshop will take place from June 9–13. T. Barbot (Avignon), F. Bonahon (USC), M. Burger (ETHZ), W. Goldman (College Park), A. Goncharov (Yale), J. Kahn (Brown), F. Labourie (Orsay), R. Mazzeo (Stanford) and A. Neitzke (Austin) have accepted to address thematic mini-courses.
Scientific Committee: S. Kerckhoff (Stanford Univ.), B. Martelli (Univ. di Pisa), J.-M. Schlenker, (Univ. Luxemburg), M. Wolf (Rice Univ.).
Funds: For a limited number of selected young researchers and students are available (`http://www.crm.sns.it/event/291/financial.html` until March 28, 2014).
Information: `http://www.crm.sns.it/event/290/`.

June 2014

* 9–15 **School on Nonlinear Analysis, Function Spaces and Applications 10**, Trest, Czech Republic.
Description: Following a long-standing tradition, the Institute of Mathematics of the Academy of Sciences of the Czech Republic and the Department of Mathematical Analysis of the Charles University, Faculty of Mathematics and Physics, are going to organize the 10th international conference on Nonlinear Analysis, Function Spaces and Applications (NAFSA 10). The conference will take place at the Conference Centre of the Academy of Sciences, Trest, Czech Republic.
Lectures: The scientific programme will consist of the following series of invited lectures: Giovanni Alberti (Pisa, Italy), Rectifiable measures and applications, Kari Astala (Helsinki, Finland), Holomorphic deformations and vectorial calculus of variations; Bernd Carl (Jena, Germany), TBA; Andrea Cianchi (Florence, Italy), Reduction principles for Sobolev type embeddings; Carlos Perez (Sevilla, Spain), TBA; Andreas Seeger (Wisconsin, USA), Radial Fourier multipliers and some variants.
Information: `http://nafsa.cuni.cz/2014/`.

* 16–20 **Conference on stochastic processes and high dimensional probability distributions**, Euler International Mathematical Institute of the Russian Academy of Sciences, Saint Petersburg, Russia.
Description: The conference will focus on several closely related directions in Probability Theory and Analysis including geometric problems about Gaussian and other linear stochastic processes; typical distributions, measure concentration and high dimensional phenomena; optimal transportation and associated Sobolev-type and information-theoretic inequalities.
Invited speakers: V. Bogachev (Moscow University), A. Dembo (Stanford), R. Dudley (MIT), W. Gangbo (Georgia Tech), N. Gozlan (Paris-Est), I. Ibragimov (Steklov Institute), S. Kwapien (Warsaw), R. Latala (Warsaw), M. Ledoux (Toulouse), R. McCann (Toronto), M. Milman (Florida), V. Milman (Tel Aviv), H. von Weizsäcker (Kaiserslautern). There will be an opportunity for contributed talks.
Information: `http://www.pdmi.ras.ru/EIMI/2014/Sppd/index.html`.

* 18–27 **Summer school on the Gan-Gross-Prasad conjectures**, Institut de Mathématiques de Jussieu - Paris, Rive Gauche 4, place Jussieu, Paris, France.
Description: The aim of the summer-school is to present the Gan-Gross-Prasad conjectures and survey some recent developments.
Information: `http://ggp-2014.sciencesconf.org/?lang=en`.

* 22–29 **The 52nd International Symposium on Functional Equations**, Innsbruck, Austria.
Topics: Functional equations and inequalities, mean values, equations on algebraic structures, Hyers-Ulam stability, regularity

properties of solutions, conditional equations, iteration theory; applications to the natural, social, and behavioral sciences.

Local Organizer: Wolfgang Förg-Rob, Univ. Innsbruck, Tech. 19a, A-6020 Innsbruck; email: `wolfgang.foerg-rob@uibk.ac.at`. L. Reich (Austria); R. Ger (Chair, Poland); Zs. Páles (Hungary); J. Rätz (Switzerland), J. Schwaiger (Austria), and A. Sklar (USA).

Information: Participation at these annual meetings is by invitation only. Those wishing to be invited should send details of their interest and, preferably, publications with their postal and e-mail address to: Roman Ger, Institute of Mathematics, Silesian University, Bankowa 14, PL-40-007 Katowice, Poland; email: `romanger@us.edu.pl` before February 15, 2014.

* 24–27 **Mathematics Meets Physics**, University of Helsinki, Finland.
Description: A four-day conference exploring the frontiers of mathematical physics on the occasion of Antti Kupiainen's 60th birthday. The aim of the conference is to foster the exchange of recent breakthroughs, new ideas and advances in methodology by bringing together world-leading experts, ranging the full spectrum from pure mathematics to physics.
Information: `http://wiki.helsinki.fi/display/mathphys/mathphys2014`; `http://wiki.helsinki.fi/download/attachments/105154551/mmp_poster.pdf`.

* 26–July 1 **Sixth International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences (AMiTaNS'14)**, Black-Sea resort, Albena, Bulgaria.
Description: The conference is organized by the Euro-American Consortium for Promoting the Application of Mathematics in Technical and Natural Sciences. It will be scheduled in plenary and keynote lectures followed by special and contributed sessions. The accents of the conference will be on Mathematical Physics, Solitons and Transport Processes, Numerical Methods, Scientific Computing, Continuum Mechanics, Applied Analysis, Applied Physics, Biomathematics, which can be complemented by some specific topics in contributed special sessions. Everybody who is interested in attending AMiTaNS.14 please prepare a short abstract within 300 words clearly stating the goal, tools, and fill out the online Application form.
Deadline: For submissions is March 31, 2014. More information on the website.
Information: `http://2014.eac4amitans.eu`.

* 30–July 3 **8th Annual International Conference on Statistics**, The Mathematics & Statistics Research Unit (ATINER), Athens Institute for Education and Research, Athens, Greece.
Description: The conference is soliciting papers (in English only) from all areas of Statistics and other related areas. Selected (peer-reviewed) papers will be published in a Special Volume of ATINER's book series. If you think that you can contribute, please submit a 300-word abstract.
Registration: The registration fee is 300 (euros), covering access to all sessions, two lunches, coffee breaks, and conference material. Special arrangements will be made with a local luxury hotel for a limited number of rooms at a special conference rate. In addition, a number of special events will be organized: A Greek night of entertainment with dinner, a special one-day cruise in the Greek islands, an archaeological tour of Athens, and a one-day visit to Delphi.
Information: `http://www.atiner.gr/statistics.htm`.

July 2014

* 3–7 **2014 International Conference on Topology and its Applications**, University of Patras and Technological Educational Institute of Western Greece, Nafpaktos, Greece.
Description: All areas of Topology and its Applications are included (General Topology, Set-Theoretic Topology, Geometric Topology, Algebraic Topology, Applied Topology. In particular, Topological Groups, Dimension Theory, Dynamical Systems and Continua Theory, Computational Topology, History of Topology).

Organizers: S. D. Iliadis (Chairman), D. N. Georgiou (University of Patras), I. E. Kougias (Technological Educational Institute of Western Greece), A. C. Megaritis (Technological Educational Institute of Western Greece), I. Boules (Mayor of the city of Nafpaktos).
Deadline for abstracts:
Information: `http://www.lepantotopology.gr`.

* 7–10 **International Conference "Mathematics Days in Sofia"**, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, Sofia, Bulgaria.
Description: The conference is organized by the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences. The purpose of this event is to present the current state of the art in all areas of mathematics, in particular, in the following main sections: Algebra, Logic, and Combinatorics; Analysis, Geometry, and Topology; Differential Equations and Mathematical Physics; Mathematical Modelling; Mathematical Aspects of the Computer Science. One of the main goals of the conference is to bring together Bulgarian mathematicians and computer scientists working all over the world. In this way, the event will enrich the relations between the mathematicians working in Bulgaria and the Bulgarian mathematical diaspora.
Information: `http://www.math.bas.bg/mds2014`.

* 21–24 **Mixed Integer Programming (MIP) workshop 2014**, The Ohio State University, Columbus, Ohio.
Description: The Mixed Integer Programming (MIP) workshop series is designed to bring together the discrete optimization research community in an annual meeting. MIP 2014 will be the eleventh workshop in the series. The workshop program is composed of a limited number of invited talks (approx. 20 to 25) on recent and typically unpublished work on mixed integer optimization. The talks are organized in a single track and scheduled to leave ample time for discussion and interaction among the participants. To encourage participation of students and junior researchers, no registration fee is charged and limited travel support is available. The workshop features a poster session, in which the attendees can present their work on mixed integer optimization related topics. For enquiries, the conference organizers' email is: `mip2014@osu.edu`.
Information: `http://mip2014.engineering.osu.edu/home`.

* 21–25 **Mathematics and Engineering in Marine and Earth Problems**, University of Aveiro, Portugal.
Description: The main goal of MEME2014 is to provide a multidisciplinary forum to engage and discuss the development of innovative scientific and technological tools for the study and exploration of the Ocean and the Earth. The conference is expected to foster a tighter cooperation between theoretical and experimental practitioners.
Information: `http://meme.glocos.org`.

* 21–25 **Perspectives of Modern Complex Analysis**, Banach Conference Center, Bedlewo, Poland.
Description: The goal of the conference is to bring together researchers working in complex analysis and its most important applications, with emphasis on informal interactions/contacts. The main topics reflect the influence of A. Eremenko (Purdue University) on modern complex analysis. The principal themes include: Classical complex analysis and its associated potential theory, iteration of real, rational and entire mappings, real algebraic geometry, spectral theory and mathematical physics, diverse subjects centered on analysis.
Invited plenary speakers: At present include: C. Bender (St. Louis), W. Bergweiler (Kiel), M. Bonk (UCLA), M. Lyubich (SUNYSB). M. Sodin (Tel Aviv), F. Sottile (Texas A&M), A. Volberg (MSU), K. Yamanoi (Tokyo Tech), A. Zdunik (Warsaw).
Support: Application for NSF support for US participants is pending. The organizers strongly encourage participation from members of underrepresented groups, young, and active mathematicians.
Information: `http://bcc.impan.pl/14Perspectives/`.

September 2014

* 2–5 **Black-Box Global Optimization: Fast Algorithms and Engineering Applications (part of the CST2014 Conference)**, Hotel Royal Continental, Naples, Italy.

Description: The aim of this session is to create a multidisciplinary discussion platform focused on new theoretical, computational and applied results in solving black-box multiextremal optimization problems. In these problems, frequently encountered in engineering design, the objective function and constraints (if any) are multidimensional functions with unknown analytical representations often evaluated by performing computationally expensive simulations. Researchers from both theoretical and applied sciences are welcome to present their recent developments concerning this important class of optimization problems. To encourage young researchers to attend these conferences a 1000 Euro Young (35 years or younger) Researcher Best Paper Prize will be awarded to the best paper presented at the conferences.

Deadlines: Submission of one-page abstracts: December 5, 2013. Notification of acceptance: December 20, 2013. Payment of the regular registration fee: April 15, 2014

Information: http://www.civil-comp.com/conf/cstect2014/cst2014-s23.htm.

* 2–5 **NUMAN2014 Recent Approaches to Numerical Analysis: Theory, Methods and Applications**, Chania, Crete, Greece.

Description: The themes of the conference are in the broad area of numerical analysis and applications, including numerical methods, algorithms and software; numerical and scientific computing; numerical methods and computational modeling; high-performance numerical computing. All areas of numerical analysis are considered, including numerical linear algebra; numerical solution of ODEs, PDEs and stochastic DEs. Several Workshops will be organized to highlight current mathematical, numerical and computational trends in areas of high scientific interest, including Mathematical Biology and Medicine; Enviromental Science and Engineering; Multiphysics/Multidomain Problems. We invite interested researchers to submit one-page abstracts, for lecture or poster presentations, by April 23, 2014.

Information: http://numan2014.amcl.tuc.gr.

October 2014

* 22–24 **28th Midwest Conference on Combinatorics and Combinatorial Computing**, University of Nevada, Las Vegas (UNLV), Las Vegas, Nevada.

Description: The Midwest Conferences on Combinatorics and Combinatorial Computing (MCCCC) are of small size (50 to 70 participants) and have been growing slowly. Papers cover a spectrum of pure and applied combinatorics, including graph theory, design theory, enumeration, and combinatorial computing. For 28th MCCCC, the invited speakers are: Brian Alspach; Saad El-Zanati; Futaba Fujie-Okamoto; Joseph Gallian; Margaret Readdy; Ian Wanless. Contributed papers (15–20 minutes talks) are very welcomed.

Information: http://www.mcccc.info.

December 2014

* 1–12 **Winter School on Operator Spaces, Non-commutative Probability and Quantum Groups**, Métabief, France.

Description: This two-week school will include 6 courses on quantum groups, operator spaces and non-commutative probability. The venue is located in a village in Jura mountains, France, close to the Swiss border. This school is a part of a trimester in Functional Analysis of the University of Franche-Comte (Besann). The trimester includes also other events, in particular a workshop on Non-commutative Geometry (November 27–29, Besann) and a conference on Operator spaces and Quantum Probability (December 15–19, Besann).

Information: http://trimestres-lmb.univ-fcomte.fr/Christmas-School.html.

* 6–31 **The Info-Metrics Annual Prize in Memory of Halbert L. White Jr.**, Washington, DC.

Description: The Info-Metrics Institute is pleased to announce the creation of the Halbert L. White Jr. prize in memory of one of the Institute's founding board members who passed away on March 31, 2012. The prize is intended to reward outstanding academic research by an early career scholar in the field of info-metrics and carries an award of $2000 to be conferred either to an individual or shared among joint recipients. A maximum of one prize will be awarded each year. The award ceremony will occur at the first Info-Metrics meeting (conference or workshop) following the announcement of the award recipient. The annual Info-Metrics prize will be given for the best recent published work, in any academic discipline, that is deemed likely to bring important advances to multiple academic disciplines in the area of info-metrics (the science and practice of inference and quantitative information processing). The first prize will be given in 2014.

Information: http://www.american.edu/cas/economics/info-metrics/prize.cfm.

* 11–20 **Foundations of Computational Mathematics Conference**, Universidad de la República, Montevideo, Uruguay.

Description: The conference, organized by the Society for Foundations of Computational Mathematics, is eighth in a sequence that commenced with the Park City, Rio de Janeiro, Oxford, Minneapolis, Santander, Hong Kong and Budapest FoCM meetings. The conference format consists of plenary invited lectures in the mornings and theme-centered parallel workshops in the afternoons. Each workshop extends over three days and the conference will consist of three periods, comprises of different themes. We encourage the participants to attend the full conference.

Information: http://www.fing.edu.uy/~jana/www2/focm_2014.html.

January 2015

* 4–6 **ACM-SIAM Symposium on Discrete Algorithms (SODA15), being held with Analytic Algorithmics and Combinatorics (ANALCO15) and Algorithm Engineering and Experiments (ALENEX15)**, The Westin Gaslamp Quarter, San Diego, California.

Description: Information on SODA, ALENEX and ANALCO will be available at http://www.siam.org/meetings/da15/ in May 2014.

Information: http://www.siam.org/meetings/da15/.

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.

July 2015

* 13–17 **12th International Conference on Finite Fields and Their Applications (Fq12)**, Skidmore College, Saratoga Springs, New York.

Description: The bi-annual series of "Fq" conferences returns to the USA for the first time since 1993. The Fq12 conference will feature 8 invited lectures and approximately 80 contributed talks on all aspects, theoretical and applied, of mathematics and computer science which are related to finite fields. Truly an international event, recent conferences in the series have attracted researchers from about 30 different countries. See the Fq12 website for more information.

Information: http://www.skidmore.edu/fq12.