

Registration: There is no registration fee, but the number of participants is limited. For more information, particularities and registration, see the website.

Information: <http://tinyurl.com/ph86pbw>.

22-26 **Boston University/Keio University workshop on Dynamical Systems**, Boston University, Boston, Massachusetts. (Jun/Jul. 2014, p. 662)

Description: This is the fourth in a series of annual workshops run jointly by Boston University (US) and Keio University (Japan) and aimed at exposing young researchers to topics of interest in the two departments. This year's focus will be Dynamical Systems, and the talks will be accessible to graduate students in that area. Morning sessions will involve talks by faculty, and afternoon sessions will involve talks by graduate students and postdocs. NSF funding is available to partially support the participation of graduate students and those whose Ph.D. was awarded in 2011 or later.

Information: <http://math.bu.edu/keio2014/index.html>.

22-26 **Logic and Applications - LAP 2014**, Inter-University Center, Dubrovnik, Croatia. (Jun/Jul. 2014, p. 662)

Description: The conference brings together researchers from various fields of logic with applications in computer science.

Topics: Of interest include, but are not restricted to: Formal systems of classical and non-classical logic, category theory, proof theory, lambda calculus; type theory; process algebras and calculi; behavioural types, systems of reasoning in the presence of incomplete, imprecise and/or contradictory information, computational complexity, interactive theorem provers. Student sessions will be organized. The first conference Proof Systems: Sustavi dokazivanja was held in Dubrovnik on June 28, 2012, co-located with the conference LICS 2012. The second conference Logic and Applications 2013: LAP 2013 was held in Dubrovnik, September 16-20, 2013.

Information: <http://imft.ftn.uns.ac.rs/math/cms/LAP2014>.

22-26 **Workshop on Tensor Valuations in Stochastic Geometry and Imaging**, Sandbjerg Estate, Soenderborg, Denmark. (Aug. 2014, p. 794)

Description: This workshop is dedicated to the mathematical theory and the application of tensor valuations in stochastic geometry and imaging. The workshop is a result of our desire to bring together researchers from stochastic geometry and imaging, who have an interest in the underlying mathematical theory of tensor valuations, along with mathematicians who have an interest in the (potential) application areas of tensor valuations. Also in recent years, there have been very important advances in the mathematical theory of tensor valuations, for instance, concerning the algebraic structure of tensor valuations and the characterization of local tensor measures. At the same time, tensor valuations are starting to be used in a number of research areas, primarily with the purpose of quantifying the morphology and anisotropy of complex spatial structures. At the workshop, overview lectures will be given by experts in the field. The workshop will also have shorter research talks.

Information: <http://csgb.dk/activities/2014/tensor/>.

22-30 **Summer school and conference on Finsler geometry and its applications**, University of the Aegean, Island of Samos, Greece. (Jun/Jul. 2014, p. 662)

Description: Summer school and conference on Finsler geometry and its applications, including metric geometry and Teichmüller theory. Ph.D. students and young researchers are welcome. There will be a series of courses given by Norbert A'Campo (Basel), Dimitri Burago (Penn State), Yuri Burago (Moscow), Bill Goldman (Maryland), Olivier Guichard (Strasbourg), Viktor Schroeder (Zürich), and Sumio Yamada (Tokyo). There will also be talks by other participants.

Registration: There is no registration fee and the organizers will help in finding lodging in Samos during the conference. To register, contact the organizers A. Papadopoulos and G. Tsapogas, email:

papadop@math.unistra.fr and email: georgios.tsapogas@gmail.com.

Information: <http://myria.math.aegean.gr/conferences/finsler14/>.

23-25 **3rd International Conference on Mathematical Applications in Engineering 2014**, Kuala Lumpur, Malaysia. (Mar. 2014, p. 316)

Description: We are pleased to invite you and all your colleagues to participate in our great event, the 3rd International Conference on Mathematical Applications in Engineering 2014 (ICMAE.14).

Main objective: Of organizing this conference is to provide an international technical forum for engineers, academicians, scientists and researchers to present results of ongoing research in the field of Mathematical Applications in Engineering. The primary focus of the conference is to create an effective medium for institutions and industries to share ideas, innovations and problem solving techniques. For your information the past two conferences (ICMAE 2010, ICMAE2012) were sponsored by many good scientific journals and selected papers were published in those journals, which we are planning to do this time as well.

Information: <http://www.iium.edu.my/icmae/14/>.

* 25 **International Workshop on Nonlinear Analysis and Applications to Economics (Dedicated to Professor Dušan Repovš on his 60th birthday)**, Department of Mathematics, University of Craiova, Romania.

Description: Nonlinear Analysis 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 Applied Nonlinear Analysis is to present some successful achievements in this rapidly collaborative field, in strong relationship with relevant models in economics. The workshop is dedicated to Professor Dušan Repovš (University of Ljubljana) on his 60th birthday and for his honorary degree of Doctor Honoris Causa of the University of Craiova.

Invited Speakers: Massimiliano Ferrara (Univ. of Reggio Calabria), Giovanni Molica Bisci (Univ. of Reggio Calabria), Raffaella Servadei (Univ. of Calabria), Nicu Marcu (Univ. of Craiova).

Local Organizer: Vicentiu Radulescu.

Information: <http://www.math.ucv.ro/~repovs2014>.

26-28 **Entropy and Singular Solutions for Conservation Laws; Pressureless Gas Dynamics and Other Applications**, West Virginia University, Morgantown, West Virginia. (Aug. 2014, p. 794)

Description: For most of the significant equations of mathematical physics, it is impossible to show the existence of classical solutions even starting out from smooth initial values. On the other hand, if we consider distributional weak solutions, they fail to be unique. To overcome this obstacle, we use the entropy criterion as one of the admissibility criteria compatible with the Second Law of Thermodynamics, to help us single out a unique physically meaningful solution. Recently, the entropy criterion has also been used in connection with systems of pressureless gases to ensure uniqueness of solutions. This arises as a consequence of a deeper connection between scalar Conservation Laws (with rather general flux functions) and Pressureless Gas systems. Despite classical results on existence, uniqueness and stability of entropy solutions for Conservation Laws, there are applications that require the accommodation of more general, uncommon flux functions.

Information: <http://math.wvu.edu/entropy2014/>.

29-October 1 **MBI Boot Camp: How to Simulate and Analyze Your Cancer Models with COPASI**, Mathematical Biosciences Institute, The Ohio State University, Jennings Hall 3rd Floor, 1735 Neil Ave., Columbus, Ohio. (Jun/Jul. 2014, p. 662)

Description: Mathematical models typically start out in simple form. One writes down a few differential equations, estimates the parameters, explores the output, and checks to see if it can predict behavior reasonably well. After that, the process begins to take on