

ESMTB Infoletter

September 2009



www.esmtb.org

Dear colleague

with this ESMTB Infoletter you receive information about conferences, workshops, schools and open positions. Please send relevant information to be included in the next ESMTB infoletter to info@esmtb.org.

Best regards, Andreas Deutsch
Dresden, 21st of September 2009

News

Reinhart Heinrich Doctoral Thesis Award

We want to kindly remind you of the Reinhart Heinrich Doctoral Thesis Award 2009. This award is to be presented annually to the student submitting the best doctoral thesis in any area of Mathematical and Theoretical Biology.

The deadline for nominations is 31st October. To apply for this award, please follow the link for more information.

<http://www.esmtb.org/downloads/RHDTaward.pdf>

Conferences

The Mathematics of Darwin Legacy at Lisbon, Portugal

Date: 2009-11-23 to 2009-11-24

We are pleased to announce the conference THE MATHEMATICS OF DARWIN'S LEGACY organized by Centro Internacional de Matematica in collaboration with the European Society for Mathematical and Theoretical Biology at the University of Lisbon, 23-24 November 2009.

In the framework of the Darwin year", CIM organizes a conference in collaboration with the European Society for Mathematical and Theoretical Biology at the University of Lisbon, on the occasion of the 150th anniversary of the publication of "On the Origins of Species by Means of Natural Selection".

The general aim of this two days high level conference is to present a general overview of the mathematical models of the evolution, including topics as Evolutionary Game Theory, Structured Evolution, Population Genetics, Probabilistic Models and Selection Theories, by a limited number of selected scientists, as well as to publish a collective book with the invited survey contributions.

Poster submissions till 31 October. For more information and registration, please visit <http://www.cim.pt/Darwin2009/>.

<http://www.cim.pt/Darwin2009/>

Educational Interfaces between Mathematics and Industry at Lisbon, Portugal

Date: 2010-04-19 to 2010-04-23

The joint Study, organised by the International Commission on Mathematical Instruction (ICMI) and the International Council for Industrial and Applied Mathematics (ICIAM), on Educational Interfaces between Mathematics and Industry is designed to enable researchers and practitioners around the world to share research, theoretical work, projects descriptions, experiences and analyses.

It will consist of two components:

- the Study Conference, and
- the Study Volume.

The Study Conference will be held in Lisbon, Portugal; 19-23 April 2010.

Submissions are due by October 15, 2009.

The number of participants to be invited being limited to approximately 100 people. It is hoped

that the Conference will attract not only experts but also some newcomers to the field with interesting and refreshing ideas or promising work in progress, as well as participants from countries usually under-represented in mathematics education research meetings.

Anyone interested in participating at the Conference or in the Study is encouraged to consult the Discussion Document. Inquiries on all aspects of the Study and suggestions concerning the content of the Study Conference should be sent to both co-chairs of the International Programme Committee.

- Alain Damlamian (damla@univ-paris12.fr)
- Rudolf Sträßer (Rudolf.Straesser@math.uni-giessen.de)

<http://www.iciam.org/EIMI/>

6th Spain, Italy e Netherlands meeting on Game Theory (SING 6) at Palermo, Italy

Date: 2010-07-07 to 2010-07-09

The organizing committee has the pleasure of inviting you to participate in the sixth, Spain, Italy e Netherlands meeting on Game Theory (SING 6), to be held in Palermo, Italy, July 7-9, 2010. The meeting is under auspices of IEEE.

Game Theory is a mathematical framework dealing with models of conflict and cooperation among interdependent decision makers. It is a central tool for economics and the social sciences, poses challenging research questions in mathematics, control and optimization, and is applied across a wide variety of fields, including neuroscience, philosophy and biology.

SING 6 is the sixth in the series of Spain-Italy-Netherlands Meetings on Game Theory. Presentations will focus on new research directions where Game Theory plays a central role in different disciplines. The meeting provides an avenue where new research collaborations can be forged.

February 8, 2010: Submission deadline
April 8, 2010: Notification of acceptance

May 8, 2010: Final paper submission deadline
May 17, 2010: Early registration deadline

<http://sidinfo.dinfo.unipa.it:812/sing6/>

Satellite Conference of International Congress of Mathematicians 2010 at IHC/IICC Lodhi Road, New Delhi, India

Date: 2010-08-15 to 2010-08-18

India is well known for its contributions to mathematics. Recent contribution in the areas of Fluid Mechanics, Differential Equations and Scientific Computation have attracted the attention of mathematicians of other countries. The Indian Industrial and Applied Mathematicians community is delighted that a satellite conference ICM2010 will be held on the theme of Mathematics in Science and Technology during 15-17 August 2010 at IHC/IICC Lodhi Road, New Delhi. The community is also pleased to note that the International Council of Industrial and Applied Mathematics, comprising of leading societies in the world and represented by distinguished scholars, will hold its Board Meeting on 14 August 2010 at the same venue. This provides an ample opportunity for young scientists and engineers to interact with world-class experts.

All persons interested in participation and presentation on their research contribution must register before 15th April, 2010 and should send duly filled Performa alongwith registration fee as indicated.

<http://icm2010.co.cc>

Workshops

SMMS-2010: Simulation of Multiphysics Multiscale Systems at Amsterdam, The Netherlands

Date: 2010-05-31 to 2010-06-02

Simulation of multiphysics and multiscale systems poses a grand challenge to computational science, with vast applications in chemical engineering, plasma physics, material science, biophysics, aerospace and automotive sectors. Most of the

real-life systems involve interactions amongst a wide range of physical phenomena. In addition to that, the time and length scales of the individual processes involved often differ by orders of magnitude. Numerical simulation of these multiphysics and multiscale problems requires development of sophisticated models and methods for their integration, as well as efficient numerical algorithms and advanced computational techniques. This workshop aims to bring together computational physicists, numerical specialists and compu-

tational scientists to push forward this challenging multidisciplinary research field, and to foster cross-fertilization between all fields of applications.

Short abstract (1 page): December 20, 2009

Full paper submission: January 10, 2010

Notification of acceptance: February 15, 2010

Camera-ready papers: March 1, 2010

<http://www.science.uva.nl/~valeria/SMMS>

<mailto:SMMS@science.uva.nl>