Conferences and Workshops

For upcoming DCMP conferences and workshops please go to:
http://www.aps.org/units/dcmp/meetings/index.cfm?utm_source=Units&utm_campaign=035db85a7e-DCMP+041315&utm_medium=email&utm_term=0_a5eb4215e8-035db85a7e-106977225

Various other physics conferences around the world go to http://www.ysfine.com and chose CONFMENU.

The Lomonosov Moscow State University jointly with the RUDN University (Russia) will be hosting the International Conference “ANALYTICAL AND COMPUTATIONAL METHODS IN PROBABILITY THEORY AND ITS APPLICATIONS” (ACMPT-2017).

The conference will take place in Moscow, Russia, on 23 - 26 October, 2017. It marks the 90th birth anniversary of Alexander Solov'ev, an outstanding Russian mathematician and probabilist.

On behalf of the ACMPT-2017 Organizing Committee we would like to invite you to take part in the Conference. Prospective authors are encouraged to submit their abstracts or full papers (up to 5 pages) in Russian or English via the on-line registration system at the Conference website http://acmpt.ru/. The accepted papers will be published in a Proceedings volume (included into the Russian Science Citation Index) prior to the beginning of the Conference. After a peer review, submissions in English will also appear as a stand-alone volume of selected full-text papers in the Lecture Notes in Computer Science (LNCS) series by Springer (indexed in Scopus and Web of Science).

The paper submissions are expected in LaTeX. The manuscript template and the corresponding style file will be made available at the Conference website: http://acmpt.ru/.

Analysis in Quantum Information Theory
All the events (except the summer school) will take place at the Institut Henri Poincaré, located in downtown Paris. There will be 3 workshops

A Summer school in the Institut des Etudes Scientifiques de Cargese (Corsica)
International workshops (IHP, Paris)
October 23-27, 2017: Probabilistic techniques and Quantum Information Theory
December 11-15, 2017: Main Conference “Quantum Information Theory”
Registration for the program (courses, seminars, lectures) and workshops is free but mandatory: If you wish to register to the full program + workshops, please use this link:
www.ihp.fr/en/program/22792/colloques/register
If you only wish to participate to workshops or one of them, please use this link:
www.ihp.fr/en/program/22792/colloques/register/nosignupprogram
There is funding to (partially) support the expenses of some participants (especially for PhD and young researchers in general). To apply for a financial support, simply register to the program and check the corresponding box.
sites.google.com/site/analysisqit2017/

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4th INTERNATIONAL WINTER SCHOOL ON BIG DATA, BigDat 2018 in Timisoara, Romania, January 22-26, 2018
Organized by: West University of Timisoara and Rovira i Virgili University
http://grammars.grlmc.com/BigDat2018/
--- Early registration deadline: October 19, 2017 ---

BigDat 2018 will be a research training event with a global scope aiming at updating participants about the most recent advances in the critical and fast developing area of big data, which covers a large spectrum of current exciting research and industrial innovation with an extraordinary potential for a huge impact on scientific discoveries, medicine, engineering, business models, and society itself. Renowned academics and industry pioneers will lecture and share their views with the audience.

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SIDE 13 is the thirteenth in a series of biennial conferences devoted to Symmetries and Integrability of Difference Equations, and in particular to: ordinary and partial difference equations, analytic difference equations, orthogonal polynomials and special functions, symmetries and reductions, discrete differential geometry, integrable discrete systems on graphs, integrable dynamical mappings, (discrete) Painlevé equations, integrability criteria, Yang-Baxter type equations, cluster algebras, difference Galois theory, quantum mappings, quantum field theory on space-time lattices, representation theory, combinatorics, numerical models of differential equations, discrete stochastic models and other related topics. For more information please visit http://sites.google.com/site/side13conference/

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Materials Genome Center at the University of Southern California (USC), MAGICS, will hold a workshop for materials science software on November 12-15, 2017. Graduate students, postdocs and early career faculty are invited to participate. For selected participants, expenses for travel and lodging will be covered. MAGICS Center is supported by the Department of Energy, Basic Energy Sciences
Please see the attached Workshop Flyer.
MAGICS Website to Apply for the Workshop:     https://magics.usc.edu

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6th INTERNATIONAL CONFERENCE ON THE THEORY AND PRACTICE OF NATURAL COMPUTING, TPNC 2017 in Prague, Czech Republic, December 18-20, 2017
TPNC is a conference series intending to cover the wide spectrum of computational principles, models and techniques inspired by information processing in nature. TPNC 2017 will reserve significant room for young scholars at the beginning of their career and particular focus will be put on methodology. The conference aims at attracting contributions to nature-inspired models of computation, synthesizing nature by means of computation, nature-inspired materials, and information processing in nature.
For more information please visit http://grammars.grlmc.com/TPNC2017/
"Point Configurations in Geometry, Physics, and Computer Science" taking place at the ICERM in Brown, Rhode Island, February 1 to May 1, 2018. [https://icerm.brown.edu/programs/sp-s18/](https://icerm.brown.edu/programs/sp-s18/)

The program topics include random point configurations, random matrices, computation and optimization of energy, packing and covering, multi-pole methods, sparsity, and frames, and the theory of lattices with applications to coding and cryptography. There will be four thematic workshops. Funding is available, in particular for young researchers, and applications should be submitted via the website.

Trimester (3-month program) on "Measurement and control of quantum systems: theory and experiments", organized with the collaboration of the Centre Emile Borel at the Institut Henri Poincare in Paris, from April 16th to July 13rd, 2018.

Information on the scientific programme can be found at: [https://sites.google.com/view/mcqs2018/home](https://sites.google.com/view/mcqs2018/home)


The deadline to apply for financial support is September 30th, 2017

The XIX International Congress on Mathematical Physics to be held in Montreal, Quebec, Canada from July 23 to July 28. The International Congress of Mathematical Physics (ICMP), on its three year cycle, is the most important conference of the International Association of Mathematical Physics. The ICMP 2018 will be a major event, where new results and future challenges will be discussed, illustrating the richness and vitality of Mathematical Physics.

Following a tradition started in London in 2000, the ICMP 2018 will be preceded by the Young Researchers Symposium (July 20 and 21, 2018). Seven satellite meetings are being organized in Banff, Toronto, Montreal, and Perimeter Institute either before or after ICMP 2018. For more information please visit [https://icmp2018.org/](https://icmp2018.org/)

The 32nd International Colloquium on Group Theoretical Methods in Physics (Group32) will be held at Czech Technical University in Prague, Czech Republic, from Monday 9th July until Friday 13th July 2018. Arrival date 8th July and departure date 14th July.

[http://www.group32.cz/](http://www.group32.cz/)

The ICGTMP series is traditionally dedicated to the application of symmetry and group theoretical methods in physics, mathematics and other sciences, and to the development of mathematical tools and theories for progress in group theory and symmetries.

The official registration will be announced beginning of 2018. There will be registration fee which will cover: participation in the conference, the welcome party, conference materials, coffee breaks, excursion, and proceedings volume. The fee will be reduced 50% for PhD students.

ICCS 2018 International Conference on Computational Science in Wuxi, China, June 11-13, 2018

[https://www.iccs-meeting.org/iccs2018/](https://www.iccs-meeting.org/iccs2018/)

Authors are invited to submit manuscripts reporting original unpublished research and recent developments in Computational Sciences by December 15, 2017.

[https://easychair.org/account/signin.cgi?key=60491264.vlUCr3TgHFRKq05W](https://easychair.org/account/signin.cgi?key=60491264.vlUCr3TgHFRKq05W)
All accepted papers will be included in the Springer Lecture Notes in Computer Science (LNCS) series and indexed by Scopus, EI Engineering Index, Thomson Reuters Conference Proceedings Citation Index (included in ISI Web of Science), and several other indexing services. The papers will contain linked references, XML versions and citable DOI numbers.

The ICCS conference is the prime annual event in Computational Science. This interdisciplinary conference on modelling and simulation of real-world phenomena will draw academic and industry leaders from all relevant fields. ICCS intends to provide a forum to disseminate world-leading research in the field of (scientific) Computational Science and in particular to highlight the role which modelling and simulation plays in future scientific discovery.

Submission implies the willingness of at least one of the authors to register and present the paper. Papers must be based on unpublished original work and must be submitted to ICCS only.