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. Thematic three-month program titled "The mathematics of imaging" at the Institut Henri Poincare in Paris and organized in collaboration with the Emile Borel Center, from January 7th to April 5th, 2019. For more information please visit https://imaging-in-paris.github.io/

"Dynamical Systems: from geometry to mechanics" to be held at the Department of Mathematics of the University of Rome Tor Vergata from 5th to 8th February 2019. The workshop is one of the scientific activities which our Department organizes in the next five years (2018-2022), as part of the programme “Departments of Excellence” supported by the Italian Ministry of Education, University and Research. More information can be retrieved from the website: http://www.mat.uniroma2.it/Progetto/bridge2019.php. Participation is free, but registration is necessary (please, follow the instructions on the website).

The Department of Engineering Sciences and Applied Mathematics at the Northwestern University announces: Dynamics Days US 2019, January 4-6, 2019, Evanston, IL

Dynamics Days is an annual conference on applications of nonlinear dynamics. Sessions will cover a broad range of topics, including neuroscience, fluids, data-driven & machine learning methods, nonlinear materials, complex networks, and human & biological systems.

For further information about the conference program, online registration, abstract submission, and travel support for graduate students and postdocs, please visit the conference website: http://ddays2019.northwestern.edu/ddays2019ad.pdf or contact us at ddays2019@northwestern.edu

Each year, Canada’s Perimeter Institute for Theoretical Physics recruits approximately 30 exceptional students for an immersive, 10-month physics boot camp: Perimeter Scholars International (PSI). This unique Master’s program, in cooperation with the University of Waterloo, seeks not only students with stellar undergraduate physics and/or mathematics track records, but also those with diverse backgrounds, collaborative spirit, creativity, and other attributes that will set them apart as future innovators. PSI is now accepting applications for the class of 2019/2020. Please help share this opportunity with colleagues, students, or groups who may be interested: Applications are due by February 1, 2019.


The workshop that will take place in Viña del Mar, Chile, July 15-17, 2019, will focus on general topics in active matter physics, with an emphasis on the statistical mechanics of active systems and on applications to biology and synthetic active materials. It will consider questions such as collective and emergent behavior, topological properties, thermodynamics, and mesoscale descriptions.

This conference will deal with a selection of cutting edge scientific research topics within the general area of nonequilibrium statistical physics, stochastic modelling, complex networks, nonlinear dynamical systems, chaos and turbulence, and interdisciplinary applications.

For the list of invited speakers, and further details of the conference, see http://agenda.albanova.se/conferenceDisplay.py?confId=6502

7th ANNUAL WINTER Q-BIO MEETING, Quantitative Biology on the Hawaiian Islands, February 19-22, 2019 http://w-qbio.org/

The Winter q-bio meeting brings together scientists and engineers who are interested in all areas of q-bio. Technology is driving revolutionary changes in biology. Systems Biology has arisen as the deduction of interaction networks from -omics data generated in the wake of remarkable technological achievements. Likewise, DNA synthesis technologies are driving the development of Synthetic Biology, whereby engineered circuitry and even entire genomes can be reconstituted from chemical building blocks. These two emerging areas have catalyzed the growth of Quantitative Biology, whereby the central goal is the deduction of quantitative principles that can be used to construct predictive models for biological phenomena.

The venue for 2019 is the Four Seasons Ko Olina - a beachfront Resort which sits on Oahu’s wild and rugged western coast, where vast ocean views and lively pools and lagoons provide the setting for an unforgettable stay. This year we will select contributed talks from the submitted abstracts to be presented with the invited talks during the plenary sessions. Contributed talks will also be selected for parallel breakout sessions.


Please head to the submission page to submit your abstract (up to 2 pages) to http://www.ccs2019.org/submission/ or directly to https://ocs.springer.com/misc/home/CCS2019 . We believe that your scientific contribution would be important and will find an excellent way to be published in a prestigious conference series.

"The mathematics of climate and the environment” at the Institut Henri Poincaré in Paris, and organized in collaboration with the team of the Centre Emile Borel, from September 9th to December 13th, 2019

Information can be found at: http://www.geosciences.ens.fr/CliMathParis2019/
The registration for the programme is free but mandatory: http://www.ihp.fr/en/CEB/T3-2019

Important: the deadline for financial support requests is March 15th, 2019

The Institut Henri Poincare can provide assistance to find a room or an apartment during your stay in Paris.

The Focused Research Group on Integrable Probability is organizing a Summer School at University of Virginia, May 27 to June 8, 2019. The school is aimed to educate graduate students and young researchers in recent trends around Integrable Probability - a rapidly developing field at the interface of
probability / mathematical physics / statistical physics on the one hand, and representation theory /
integrable systems on the other. There will be 4 mini-courses:

Week 1
- Dmitry Chelkak (École Normale Supérieure, Paris, France)
- Ole Warnaar (University of Queensland, Brisbane, Australia)

Week 2
- Tomohiro Sasamoto (Tokyo Institute of Technology, Tokyo, Japan)
- Paul Zinn-Justin (University of Melbourne, Melbourne, Australia)


Winter School "Physics and Mathematics of Turbulent Flows at Different Scales" - February 24-March 1 2019, Les Houches, France

STATPHYS27 Satellite: Yielding2019 Bariloche, 2-5 July. For more info contact yielding2019@sciencesconf.org

41st Photonics and Electromagnetics Research Symposium (PIERS) to be held on 17-20 June 2019 (from Monday to Thursday) in Rome, Italy.
http://www.piers.org/piers2019Rome/
List of confirmed Focus and Special Sessions to date can be found at
PIERS General Guidelines for Authors and Session Organizers are available at
http://piers.org/piers/guidelines.php

Abstract submission is now open for the International Glass Conference, which will take place June 9-14, 2019 in Boston, Massachusetts. The meeting is held every three years, and features scientists studying glasses across academia and industry, with many sessions of potential interest to GSNP members, including "Mean-Field and Low-Dimensional Theories of Glasses," "Modeling and Simulation" and "Glass Transition and Relaxation."

A full list of focus sessions and the abstract submission form are available at the conference website, with a submission deadline of January 15.