ÉCOLE DE PHYSIQUE DES HOUCHES

2023 PROGRAM

Optimization and Statistical Learning – OSL 2023
January 15th - 20th
Alexandre D'ASPREMONT, Zaid HARCHAOUI, Julien MAIRAL, Jérôme MALICK, Philippe RIGOLLET

Material Engineering to Explore Mammalian and Bacterial Cell Surface Interactions
January 22nd - 27th
Yoann ROUPIOZ, Vincent HUMBLOT, Luc VELLUTINI, Karine GLINEL, Lydie PLOUX

From Soft Matter to Biophysics - a Workshop in Honor of Jean-François Joanny
January 29th - February 3rd
Jörg BASCHNAGEL, Jens ELGETI, Martin LENZ, Hervé TURLIER

Laboratory Astrophysics : Tracking the Evolution of Cosmic Matter towards Molecular Complexity
February 5th - 10th
Jean-Hugues FILLION, Ludovic BIENNIER, Aude SIMON, Grégoire DANGER

International Workshop on the Origin of Matter-Antimatter Asymetry CP2023
February 12th - 17th
Matthieu GUIGUE, Guillaume PIGNOL, Stéphanie ROCCIA

Recent Advances in Understanding Artificial and Biological Neural Networks
February 19th - 24th
Sebastian GOLDT, SueYeon CHUNG, Marc MÉZARD

Applications of Hecke and Related Algebras: Representations, Integrability and Physics
February 26th - March 3rd
Nicolas CRAMPE, Azat GAINUTDINOV, Jérémie GUILHOT, Loïc POULAIN D'ANDECY

Out-of-Equilibrium Physics with Photons and Atoms
March 5th - 10th
Matthias ALBERT, Isabelle BOUCHOULE, Jérôme DUBAIL, Quentin GLORIEUX

Optimal Transport Theory : Applications to Physics
March 12th - 17th
Roya MOHAYAEE, Jean-David BENAMOU, Yann BRENIER, Bruno LÉVY, Sabino MATARRESE, Quentin MÉRIGOT

Winter School on Therapeutic Ultrasound
March 19th - 24th
Jean-François AUBRY, Gail TER HAAR, Vera KHOKHLOVA

Cloud Academy 3: Cloud Formation and Properties in Extrasolar Planets
March 26th - 31st
Dániel APAI, Christiane HELLING, Mickaël BONNEFOY, Nicolas IRO, Mark MARLEY, Véronique VUITTON

Interaction, Disorder, Elasticity GDR Meeting
April 2nd - 7th
Vivien LECOMTE, Elisabeth AGORITSAS, Damien VANDEMBROUCQ

ImmunoBiophysics : from Fundamental Physics to Understanding the Immune Response - Second Edition
April 9th - 14th
Pierre-Henri PUECH, Katelyn SPILLANE, Paolo PIEROBON, Jérémie ROSSY, Bebhinn TREANOR

Doctoral Training : Optomechanics & Nanophononics
April 17th - 28th
Rémy BRAIVE, Daniel LANZILLOTTI-KIMURA

Doctoral Training : Plasmas in Extreme Environments: from Astrophysics to the Laboratory
May 1st - 12th
Mickael GRECH, Thomas GRISMAYER, Anna GRASSI, Lorenzo SIRONI, Vanina RECOULES, Susanna VERGANI

FIPs in the ALPs
May 14th - 19th
Gianluigi ARDUINI, Gaia LANFRANCHI, Maxim POSPELOV

Scientific Approaches of Societal Issues
May 21st - 26th
Hervé BERCEGOL, Yves GINGRAS, Sylvestre HUET, Roland LEHOUCQ, Gilles RAMSTEIN

The Physics of Disordered Superconductors and their Application to Quantum Circuits
June 4th - 9th
Milan ALLAN, Mikhail FEIGEL'MAN, Lev IOFFE, Nicolas ROCH, Benjamin SACÉPÉ

Physics of the TeV Scale and Beyond the Standard Model (PhysTeV)
« Intensifying the Quest for New Physics »
June 12th - 30th
Cédric DELAUNAY, Björn HERRMANN, Emanuele RE

Summer School : Theoretical Biological Physics
July 3rd - 28th
Anne-Florence BITBOL, Thierry MORA, Ilya NEMENMAN, Aleksandra WALCZAK

Summer School : 200 Years of Navier-Stokes Equations and Turbulences
July 31st - August 25th
Mickaël BOURGOIN, Nicolas MORDANT, Aurore NASO, John Christos VASSILICOS

Quantum Dynamics and Spectroscopy of Functional Molecular Materials and Biological Photosystems
Doctoral Training : August 27th - September 1st
Workshop : September 3rd - 8th
Jérémie LÉONARD, Irene BURGHARDT, Jeffrey A. CINA, Jessica M. ANNA, Thomas RENGER, Young Min RHEE

Bio-inspired Aerial and Aquatic Locomotion
September 10th - 15th
Ramiro GODOY-DIANA, Eva KANSO

Waves in Complex Media: From Theory to Practice
September 18th - 29th
Sylvain GIGAN, Nicolas CHERRORET, Alexandre AUBRY

Doctoral Training : Ultracold Molecules: Quantum Physics and Applications
October 9th - 20th
Goulven QUÉMÉNER, Raphael LOPES, Hans LIGNIER, Nadia BOULOUFA

Quantum Physics with Atoms and Photons
October 22nd - 27th
Quentin GLORIEUX, Sylvain RAVETS, Igor FERRIER-BARBUT

Blending the DFT-Based Multiple Scattering Greens' Function Approach to Spectroscopies with Machine Learning
October 30th - November 10th
Didier SÉBILLEAU, Ján MINÁR, Patrick RINKE

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