

ÉCOLE DE PHYSIQUE DES HOUCHES

2020 PROGRAM

Imaging Immunity - from Nanoscale to Macroscale - Insights from Biophysics

January 12th - 17th,
Bertrand TAVITIAN, Michal NEEMAN, Vasilis NTZIACHRISTOS,
Giannis ZACHARAKIS

CERN LHCb-Team Retreat

January 22nd - 24th,
Andreas SCHOPPER, Marco CATTANEO

Workshop on Recrystallization and Grain Growth

January 26th - 31st,
Maurine MONTAGNAT, Romain QUEY, Andrea TOMMASI

Single Molecule Biophysics

February 2nd - 7th,
Nynke DEKKER, David RUEDA

DYMAT Winter School 2020

February 9th - 14th,
Pascal FORQUIN and the ExperDYN Team (3SR Laboratory / UGA)

Recent Progress on Glassy Systems: Marginal Stable Phase, Quantum Behaviour and Machine Learning

February 16th - 21st,
Silvio FRANZ, Giorgio PARISI, Federico RICCI-TERSENGHI, Francesco ZAMPONI

First Solids and Planetesimals: Formation Conditions and Evolution

February 23rd - 28th,
Yves MARROCCHI, Alessandro MORBIDELLI, Laurette PIANI, Thierry FOUCHET

Physics of Solar Cells: from Basic Principles to Advanced Characterization

March 1st - 6th,
Stéphane COLLIN, Laurent LOMBEZ, Andrea CATTONI, Daniel SUCHET

Cloud Academy II: Cloud Formation and Properties in Extrasolar Planets

March 8th - 13th,
Christiane HELLING, Daniel APAI, Nicolas IRO, Véronique VUITTON

SVOM Burst Advocates Winter School

March 15th - 20th,
Bertrand CORDIER, Jianyan WEI

Interstellar Shocks

March 22nd - 27th,
Benjamin GODARD, Pierre GUILLARD, Antoine GUSDORF

Fluorescence Markers for Advanced Microscopy: from Photophysics to Biology

March 29th - April 3rd,
Dominique BOURGEOIS, Ulrike ENDESFELDER, Emmanuel MARGEAT,
Fabienne MEROLA

Collisions of Fast Particles with Surfaces

April 5th - 10th,
Christophe LAUX, Pere Roca I CABARROCAS, Svetlana STARIKOVSKAYA,
Jean-Pierre TARAN

Waves in Complex media - from Theory to Practice

April 13th - 24th,
Alexandre AUBRY, Nicolas CHERRORET, Sylvain GIGAN

Planet Mars - V

May 3rd - 8th,
Thérèse ENCRENAZ, Christophe SOTIN, Olivier WITASSE

Physics of Biological Fluids and Tissues: Concepts and Methods for the Study of their Multiscale Interactions

May 10th - 15th,
Gwennou COUPIER, Thomas PODGORSKI, Anne-Virginie SALSAC,
Claude VERDIER

Wave Turbulence

May 24th - 29th,
Pierre Philippe CORTET, Nicolas MORDANT, Laure SAINT RAYMOND

New Developments in High Resolution Molecular Spectroscopy and Outreach to Modern Applications

May 31st - June 5th,
Martin SCHWELL, Amanda ROSS, Vincent BOUDON

TSCR Workshop on Protein Dynamics

June 7th - 12th,
Enrica BORDIGNON, Matthias HEYDEN, Paul SCHANDA, Ben SCHULER,
Martin WEIK

The Science of Future Cosmological Surveys - Advanced Euclid School

June 15th - 26th,
Alain BLANCHARD, Bogna KUBIK

EMBO Workshop on ImmunoBiophysics: from Fundamental Physics to the Understanding of the Immune Response

June 28th - July 3rd,
Pierre Henri PUECH, Katelyn SPILLANE, Julien HUSSON, Jérémie ROSSY,
Laurent LIMOZIN

Summer School: Emergent Electronic States Confined at Interfaces

July 6th - 24th,
Marc GABAY, Masashi KAWASAKI, Andrew MILLIS, Jean-Marc TRISCONE

Joint Structures and Common Foundation of Statistical Physics, Information Geometry and Inference for Learning

July 26th - 31st,
Frédéric BARBARESCO, Frank NIELSEN, François GAY-BALMAZ, Gery de SAXCE

Summer School: Statistical Physics & Machine Learning

August 3rd - 28th,
Gérard BEN AROUS, Surya GANGULI, Florent KRZAKALA, Lenka ZDEBOROVA

Doctoral Training: SUCCESS 2020 - School on Ultraviolet and X-Ray Spectroscopies of Correlated Electron Systems

August 31st - September 11th,
Andrés F. SANTANDER-SYRO, Silke BIERMANN, Patrick LE FEVRE,
Ralph CLAESSEN

Quantum Technologies with Light and Matter

September 13th - 18th,
Quentin GLORIEUX, Antoine BROWAEYS

Multiple Scattering Green's Function for Electronic Structure and Spectroscopy Calculations

September 21st - October 2nd,
Didier SEBILLEAU, Ján MINAR, Hubert EBERT

Doctoral Training: Ultracold Molecules: Quantum Physics and Applications

October 5th - 16th,
Goulven QUEMENER, Juliette BILLY, Philippe VERKERK, Nadia BOULOUBA

Doctoral Training: Solid Earth

October 19th - 30th,
Laurent HUSSON, Thomas BODIN

CERN Theory Department Retreat

November 4th - 6th,
Michelangelo MANGANO, Gian GIUDICE

<https://houches.univ-grenoble-alpes.fr>