

# LES HOUCHES PHYSICS SCHOOL

## The multiple approaches to plasma physics from laboratory to astrophysics

13-24 May, 2019 - Les Houches, France

The school focuses on plasma physics and its manifestations in laboratory experiments, space environment and in astrophysics. It targets an international audience primarily composed of PhD students and junior postdoctoral researchers. The objective is to introduce the participants to a wide range of fundamental aspects of plasma physics, as well as on the state-of-the-art in many of the sub-disciplines.

### CONFIRMED LECTURERS

Troy Carter (University of California Los Angeles, USA)  
Benoît Cerutti (CNRS & Université Grenoble Alpes, France)  
Christopher Chen (Queen Mary University of London, UK)  
Andrea Ciardi (Sorbonne Université, France)  
Mickaël Grech (CNRS & Ecole Polytechnique, France)  
Thomas Grismayer (Instituto de Plasmas e Fusão Nuclear, Portugal)  
Per Helander (Max-Planck-Institut für Plasmaphysik, Germany)  
Emmanuel d'Humières (Université de Bordeaux, France)  
Karine Issautier (CNRS & Observatoire de Paris, France)  
Miho Janvier (Université Paris-Sud, France)  
Kumiko Kotera (CNRS & Sorbonne Université, France)  
Matthew Kunz (Princeton University, USA)

Henrik Latter (University of Cambridge, UK)  
Sergei Lebedev (Imperial College London, UK)  
Nuno Loureiro (Massachusetts Institute of Technology, USA)  
Andrea Mignone (Università di Torino, Italy)  
Paolo Ricci (Ecole polytechnique fédérale de Lausanne, Switzerland)  
François Rincon (CNRS & Université Paul Sabatier, France)  
Alexander Schekochihin (University of Oxford, UK)  
Anatoly Spitkovsky (Princeton University, USA)  
Hendrik Spruit (Max-Planck-Institut für Astrophysik Garching, Germany)  
Tommaso Vinci (CNRS & Ecole Polytechnique, France)  
Philippe Zarka (CNRS & Observatoire de Paris, France)  
Ellen Zweibel (University of Wisconsin-Madison, USA)

### SCIENTIFIC ORGANISATION COMMITTEE

Benoît Cerutti (CNRS & Université Grenoble Alpes, France)  
Andrea Ciardi (Sorbonne Université, France)  
Emmanuel d'Humières (Université de Bordeaux, France)  
Miho Janvier (Université Paris-Sud, France)  
Nuno Loureiro (Massachusetts Institute of Technology, USA)

Photo credit: Geoffroy Lesur



ÉCOLE DE  
**PHYSIQUE DES HOUCHES**



More information on  
<https://plasmas2019.sciencesconf.org/>

