

First announcement of Les Houches school in plasma physics:

THE MULTIPLE APPROACHES TO PLASMA PHYSICS FROM LABORATORY TO ASTROPHYSICS

Dates and location: May 13-24 2019, Les Houches, France.

Overview and objectives:

The two-week school held in the French Alps 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. It will provide blackboard-style lectures, hands-on activities, talks on latest research, presentation by students, as well as group work such as journal clubs and social activities. This school follows up on four previous sessions held every two years since 2011 in Les Houches (France) on similar topics (2011 <<http://www.ens-lyon.fr/PHYSIQUE/Equipe2/LesHouches11/Home.html>>, 2013 <<http://userpages.irap.omp.eu/%7Efrincon/houches/index.html>>, 2015 <<http://www.ens-lyon.fr/PHYSIQUE/Equipe2/LesHouches15/Home.html>>, 2017 <<http://ipag.osug.fr/%7Elesurg/plasmas2017/>>).

The conference center in Les Houches can accommodate up to 46 participants. Pre-registration will open on November 1st, 2018 on the school website and will close on February 15th, 2019. Applicants will be notified at the beginning of March, 2019.

For more information about the program and updates see:

<https://plasmas2019.sciencesconf.org/> <<https://plasmas2019.sciencesconf.org/>>

Confirmed Lecturers:

Troy Carter (UCLA, 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 (IPFN Portugal)

Per Helander (IPP, 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 (MIT, USA)

Andrea Mignone (University of Torino, Italy)

Paolo Ricci (EPFL, Switzerland)

François Rincon (CNRS & Université Paul Sabatier, France)

Alexander Schekochihin (University of Oxford, UK)
Anatoly Spitkovsky (Princeton University, USA)
Hendrik Spruit (MPIA Garching, Germany)
Tommaso Vinci (CNRS & Ecole Polytechnique, France)
Philippe Zarka (CNRS & Observatoire de Paris, France)
Ellen Zweibel (Wisconsin-Madison, USA)

Scientific and local organising 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 (MIT, USA)

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