



ÉCOLE DE PHYSIQUE DES HOUCHES



Multiple scattering Green's function for electronic structure and spectroscopy calculations

21st September 2020

2nd October 2020

Two-Week School
and Hand-On Course

The purpose of this school is to provide a detailed overview of Green's function methods in electronic structure and spectroscopies, on the basis of multiple scattering theory. Leading experts coming from complementary disciplines will present the mathematical foundations of scattering theory, the basics of multiple scattering in the Green's function and T-matrix approach, and applications. This school will provide early stage researchers with the necessary background and experience on multiple scattering techniques for possible application in their particular field of interest in condensed matter research.

Les Houches is a village located in Chamonix valley, in the French Alps. Established in 1951, the Physics School is situated at 1150 m above sea level in natural surroundings, with breathtaking views on the Mont-Blanc mountain range.

Les Houches Physics School is UMS 2002 run by Université Grenoble Alpes (UGA). The 5 school partners of are UGA, the Centre National de la Recherche Scientifique (CNRS), the Commissariat à l'Énergie Atomique (CEA), the Institut National Polytechnique (Grenoble-INP), and the Ecole Normale Supérieure de Lyon (ENS Lyon).

Organizers

Didier Sébilleau, Département Matériaux-Nanosciences,
Institut de Physique de Rennes, Université de Rennes 1, France
Ján Minár, University of West Bohemia, Czech Republic
Hubert Ebert, Universität München, Germany

Registration

http://ebert.cup.uni-muenchen.de/kkr/summer_school_2020_des_houches/preregistration



Ecole de Physique des Houches,
149 Chemin de la Côte,
F-74310 Les Houches, France
<https://houches-school-physics.com>