



5 - 7 October 2022, Grenoble, FRANCE

QUANTUM MATERIALS WORKSHOP

Registration:

Thursday
1st September

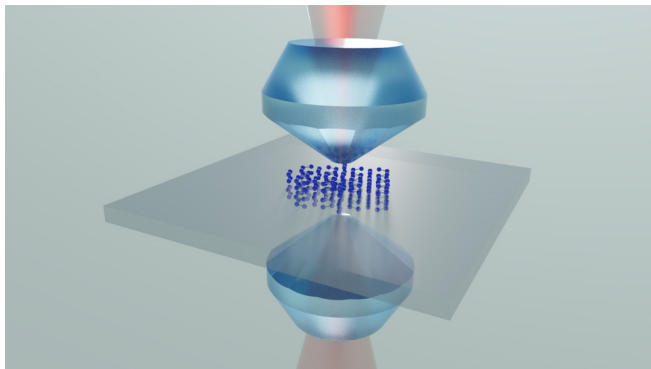
**Abstract
submission:**

Sunday
21st August

Contact:

quantum-
materials@esrf.fr

Quantum effects that alter the macroscopic behaviour of materials give rise to exciting new phenomena to be exploited in future quantum technology. This workshop focuses on novel experimental capabilities for the discovery of exotic phases and characterisation of their fundamental excitations. We aim to bring together the most recent advances in quantum many body physics and materials science, thereby showing how exceptional material properties can be obtained by controlling electronic and magnetic properties by materials design and by application of external stimuli such as temperature, magnetic field and pressure.





INVITED SPEAKERS

- Jochen Geck**, TU Dresden, Germany
Malte Grosche, Cavendish Laboratory Cambridge, UK
Dominique Laniel, University of Bayreuth, Germany
Paul Loubeyre, CEA Bruyères-le-Chatel, France
Christian Rüegg, PSI Villigen, Switzerland
Olga Sikora, Cracow University of Technology, Poland

INFORMATION

Venue:

ESRF Auditorium, Grenoble, France

Time:

Wednesday 5 October, 8:30 –
Friday 7 October, 14:00

Organisers:

Björn Wehinger,
Nicholas Brookes

Assistants:

Claudine Roméro,
Eleanor Ryan

Accommodation:

Limited places at ESRF guesthouse
for those who register first

Registration fee:

50€ without guesthouse,
100€ with guesthouse