

COMPUTATIONAL MATERIALS DISCOVERY OF UNCONVENTIONAL MAGNETS

October 27-29 2021
CECAM-Headquaters Lausanne
(Hybrid event)

The key topics that will be focused on in this workshop are:

- Quantum spin liquid candidates
- Skyrmions and non-collinear magnetic materials
- Two-dimensional magnetic materials
- Magnetic materials hosting topologically protected phases
- Magnetism in nanomaterials and defect-induced magnetism
- High-throughput computational search and design of materials

Invited Speakers

Ahmet Avsar
Stefan Blügel
Jeroen van den Brink
Natalia Chepiga
Claudia Felser
Joaquin Fernandez-Rossier
Marco Gibertini
Anna Isaeva
Mikhail Katsnelson
Roderich Moessner
Mikhail Otrokov
Henrik Ronnow

Jairo Sinova
Elena Vedmedenko
Maia G. Vergniory
Pierre Villars
Di Xiao
Hongbin Zhang

Organizers

Vamshi M. Katukuri (MPI-FKF, Stuttgart)
Thomas Olsen (Tech. Univ. Denmark)
Oleg Yazyev (EPFL)

Registration deadline: Oct 8 2021
(<https://www.cecam.org/workshop-details/14>)
Abstract deadline: Oct 8 2021
(contributed talks and poster presentation)

