

Dear Colleagues,

We are pleased to announce the 9th edition of the Quantum Mesoscopic Physics “Rencontres de Moriond”, an event series that started in 1994. The conference will take place in la Thuile (Italian Alps) from March 25 to April 1, 2023.

Registration and submission of abstracts are now open on the event website <https://moriond.in2p3.fr/2023/Meso/>. We welcome your submissions until January 31, 2023.

Note that all participants must register whether or not they submit an abstract.

**The topics that will be discussed include:**

- Mesoscopic physics
- Nanodevices, Nanoelectronics, Nanospintronics, Nanoelectromechanics
- Quantum Dots and Nanowires
- Graphene and van der Waals materials
- Superconducting circuits
- Quantum Information in electronic devices
- Electron quantum optics
- Topological Metals/Insulators/Superconductors, Weyl/Dirac/Majorana Fermions
- High frequency Transport and Noise

**Confirmed invited speakers:**

Alexandre Blais (Université de Sherbrooke, Canada), Aashish Clerk (University of Chicago, USA), Yiwen Chu (ETH Zurich, Switzerland), Anindya Das (IISc Bangalore, India), Valla Fatemi (Cornell University, USA), Emmanuel Flurin (CEA Saclay, France), Motty Heiblum<sup>TBC</sup> (Weizmann Institute, Israel), Dafei Jin (Argonne National Lab, USA), Angela Kou (University of Illinois, USA), Anja Metelmann (Karlsruhe Institute of Technology, Germany), Mikko Möttönen (Aalto University, Finland), Ioan Pop (Karlsruhe Institute of Technology, Germany), Benjamin Sacépé (Néel Institute, CNRS, France), Qianhui Shi (UCLA, USA), Lieven Vandersypen (TU Delft, The Netherlands), Andreas Wallraff (ETH Zurich, Switzerland).

**“Les Rencontres de Moriond” conference**

This meeting is the follow-up to eight conferences on quantum mesoscopic physics organized in the Alps during the winters of 1994, 1996, 1999, 2001, 2004, 2008, 2011 and renewed in 2019. After an unfortunate cancellation in 2021 due to the Covid outbreak, we are organizing a new meeting, with the goal of presenting state-of-the-art topics of quantum mesoscopic physics and related areas, in the same spirit as former Rencontres de Moriond conferences.

The conference session will take place in the Hotel Planibel. It is located in the ski resort of La Thuile in the Italian Alps, at about 150 km from Geneva and 220 km from Milan, from which airports buses will be planned to pick-up participants. More information can be found here : <https://moriond.in2p3.fr/2023/Meso/>

Benjamin Huard (Ecole Normale Supérieure de Lyon)  
Patrice Roche (SPEC, CEA Saclay)

Xavier Waintal (PHELIQS, CEA Grenoble)  
(conference organizers)

**Important dates**

September 30 registration opening

**January 31** Abstract submission deadline

**January 31** Registration deadline

February 8 Acknowledgment of grant support attribution

March 12 Early bird deadline for the paying the registration fees

**Possible financial support**

All participants are required to pay registration fees. However, upon motivated request, we propose to a few participants to cover for the cost of their meals and accomodation.