



Toddler's School on Quantum Matter

20-21 March 2021

[online]

Program

Plenary Talks

Past & Future of
Quantum Materials, by:
João L. Santos (UPorto)
Joaquin F. Rossier (INL)

Tutorials

Hands-on tutorial
sessions on key topics
of quantum matter

Info & Discussion Sessions

Discussions with Ms and
PhD Students and
Research Opportunities

Applications

Application deadline: 5th March Fee: 5€

Enrolment & Info: <https://qm2021.sci-meet.net/>

Requirements: Talks and tutorials assume a level compatible with current enrolment in a 3rd year Bs in Physics or above. Motivated younger undergraduates could follow after doing some preliminary readings.

Tutorial topics

- Topological Quantum Matter
- Decoherence in Open Quantum Systems
- Quantum Critical Phenomena
- Out of Equilibrium Quantum Matter
- 2D Quantum Materials
- Quantum Waves in Disordered Media
- Spectral Methods for Quantum Matter
- Artificial Atoms: quantum dots in graphene

Research Units



Support by

