



Toddler's School on Quantum Matter

9-10 April 2022

[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: 7th April **Fee: 5€**

Enrolment & Info: <https://toddlers2022.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 include

- Topological Quantum Matter
- Decoherence in Open Quantum Systems
- Quantum Critical Phenomena
- Out of Equilibrium Quantum Matter
- 2D Quantum Materials
- Quantum Chaos
- Artificial Atoms: quantum dots in graphene
- Density Matrix Renormalization Group

Research Units



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