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INTRODUCTION TO QUANTUM SYSTEM

Wednesday, 1 September 2021 09:00 (1 hour)

Prof. German Sierra is a Prof. of Theoretical Physics at the Institute of Theoretical Physics at the Autònoma de Madrid and CSIC.

His current research interests are on:

- Quantum entanglement in many body systems
 - Topological quantum matter
 - Conformal Field Theory applied to Condensed Matter Physics
 - Tensor networks: MPS, PEPS, ...
 - Exactly solvable models
- and applications to Quantum Computing.

He collaborates with Prof. Jose Ignacio Latorre and other Q.C. experts.

He teaches Quantum Computing at the Master students.

Presenter: Prof. SIERRA, German (IFT-UAM, CSIC)

Session Classification: MORNING SESSION 8, PLENARY LECTURES