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INTRODUCTION TO QUANTUM WORLD: SUPERPOSITION & ENTANGLEMENT PHYSICAL BASIS OF QUANTUM TECHNOLOGIES

Thursday 7 September 2023 09:00 (1h 30m)

Abstract: This lecture will review the fundamentals of quantum theory and concepts such as superposition , entanglement, as a basis of quantum technologies.

Lecturer: Barbara Lopes Amaral, Master and PhD in Mathematics at the Federal University of Minas Gerais (UFMG) carried on with a stay at the University Autonoma of Barcelona (2014). Postdoctoral position at the International Institute of Physics of the federal University of Rio Grande do Norte (IIF-UFRN). Currently Assistant Professor at the Department of Mathematics of the Physics Institute at USP. She works on the Fundamentals in Quantum Theory and the Non-locality in Quantum Theory.(CV-Lattes)

Presenter: Prof. LOPES AMARAL, Barbara (Department of Mathematics of the Institute of Physics, USP, Sao Paulo, BR)

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