

Workshop on Fundamental Physics with Exotic Atoms

Monday, 23 June 2025 - Wednesday, 25 June 2025

Laboratori Nazionali di Frascati INFN



Book of Abstracts

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The physics of the kaonic atoms in the last 25 years

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DAFNE setup and optimization for the kaonic deuterium run of SIDDHARTA-2

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Latest measurements with strangeness (and more) using femtoscopy

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Overview of Technological Challenges in Exotic Atom Precision Experiments

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A stochastic gradient flow approach to nuclear and atomic physics, and the measurement problem

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Kaonic Neon Spectroscopy: Testing Bound-State QED, Extracting the Kaon Mass and Probing Beyond Standard Model Physics

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Recent results on kaonic atoms from theory

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Advancement in Positronium and Quantum Entanglement Imaging with J-PET

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QFT with generalized statistics and quantum gravity phenomenology

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Laser spectroscopy of kaonic helium at DAPHNE

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Positronium: An Exotic Atom at the Edge of Matter and Antimatter

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Dalitz plot determination for oPs->3gamma decay using J-PET detection system

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SPHINX: Structure Probing by Holographic Imaging at Nanometer scale with X-ray lasers

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