

2nd ComHEP: Colombian Meeting on High Energy Physics

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Universidad Nacional de Colombia



Book of Abstracts

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A new approach for the fermionic phase space density in galaxies

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Astroparticles @EasterColombia 2017

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B-Physics Theory

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Beyond Standard Model review

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Choosing the On-Shell Renormalization Scheme in the Complex MSSM

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Constraints on Axion Models

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Cosmology

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Dark Energy and the Horndeski Lagrangian: Future Constraints with a Model-Independent Approach

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Dark Matter

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Dark Matter Experimental overview

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Degeneracy in the spectrum and bispectrum among featured inflaton potentials

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Fermion mass hierarchy from a nonuniversal abelian extension of the Standard Model

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Hadron Physics

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Heavy fermions dynamics under a strongly-interacting symmetry-breaking sector

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Heavy flavor physics

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Internal structure of pseudoscalar mesons - A problem solved?

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Is the dark matter particle its own antiparticle?

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LHC results highlights

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Linking axion-like dark matter to neutrino masses

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Long-Baseline Neutrino Oscillation Experiments: Status and Future Prospects

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Looking for lepton-number-violating processes in $|\Delta L| = 2$ decays of Bs meson and Λ_b baryon

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Maloka public lecture: Neutrinos, ghosts of the universe

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Minimal nonuniversal electroweak extensions of the standard model: A chiral multiparameter solution

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Multi-loop Scattering Amplitudes

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Neutrino Non-standard Interactions and Neutrino Backgrounds in Multi-ton Dark Matter Detectors

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Neutrino Physics

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Neutrino masses in some supersymmetric b-l

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Non-Abelian S-term dark energy and inflation

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Non-simultaneous Corrections in the LHC Interactions Regions

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Non-standard Higgs boson phenomenology at LHeC

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Pseudoscalars non-minimally coupled to gravity during inflation

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Search for lighter top-squark and non-Standard Higgses within NMSSM

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Sensitivities to the mixing between sterile and active neutrinos at LBL experiments, DUNE as a case study

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Standard Model review - LHC results

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Status and commissioning of the new GEM-based subsystem GE1/1 of the CMS muon system

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The Lightest Higgs Boson Mass of the MSSM at Three-Loop Accuracy

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UNAL Public lecture

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Virtual: BSM Higgs searches with ATLAS

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Virtual: Neutrino experimental results

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Wavelengths of Fe II from quasar J110325-264515 for study of space-time variations of the fine-structure constant

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Webinars discussion

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de Sitter symmetries and inflationary correlators in parity violating scalar-vector models

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f(R) modified gravity model for dark energy and accelerated expansion

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