

XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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Probing BSM physics with electron-proton colliders

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When discussing the future searches for New Physics, electron-positron and proton-proton collider dominate the agenda, the choice being between a clean environment and higher energy. In this talk I will show with two concrete examples (Long-Lived Charged particles in SUSY and Higgs rare decays) how electron-proton colliders combine a clean environment with energies beyond the reach of most planned electron-positron colliders, thus providing an unique opportunity to probe Beyond Standard Model phenomena.

Primary author: ZURITA, José Francisco (KIT)

Co-authors: CURTIN, David (University of Maryland); DESHPANDE, Kaustubh (University of Maryland, College Park); FISCHER, Oliver (Unibas)

Presenter: ZURITA, José Francisco (KIT)

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