

# XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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## Probing BSM physics with electron-proton colliders

*Thursday 19 April 2018 09:00 (20 minutes)*

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.

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