

DIS2022: XXIX International Workshop on Deep-Inelastic Scattering and Related Subjects

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Exclusive Lepton Pairs at the Electron-Ion Collider

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Two-photon exclusive production of lepton pairs at the Electron-Ion Collider opens interesting research directions thanks to a very high luminosity and clean experimental conditions at the EIC. First estimates of scientific potential for such studies are given. In particular, they consider unique measurements of the proton and ion electromagnetic form-factors, and searches of anomalous couplings of τ leptons.

Submitted on behalf of a Collaboration?

No

Authors: CHWASTOWSKI, Janusz (Polish Academy of Sciences (PL)); PIOTRZKOWSKI, Krzysztof; PRZYBYCIEN, Mariusz (AGH University of Science and Technology (PL))

Presenter: PIOTRZKOWSKI, Krzysztof

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