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The LHeC detector

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The LHeC is a proposed upgrade of the LHC to study ep/eA collisions in the TeV regime, by adding a 60 GeV electron beam through an Energy Recovery Linac. A detector is under design for high precision measurements which may be readily installed by its modular structure.

The talk presents the main concepts and progress in the simulation, including an extension to the FCC-he configuration.

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