

# XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



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## A detector for energy-frontier DIS

In this talk, the status of the design of a detector for studying energy-frontier DIS at the LHeC and the FCC-he will be presented. Its different parts will be discussed: interaction region, tracking, EM calorimeter, solenoid, hadronic calorimeter and muon detector. Besides, the software framework that is currently employed, developed within DD4HEP, will also be presented.

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**Track Classification:** Future Experiments