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Status of MEIC Design Studies

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A polarized medium energy electron-ion collider (MEIC) is envisioned at Jefferson Lab as its future nuclear science program beyond the 12 GeV CEBAF fixed target program. Over the last three years, a conceptual design of MEIC has been successfully developed, and a comprehensive report summarizing the baseline and accelerator R&D progress has been released recently. The MEIC design studies have now entered a new phase, focusing primarily on design optimization, and critical accelerator R&D to prove the design concept. In this talk, I will provide an overview for the MEIC design and also report the recent progress of the accelerator design studies

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