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Type: **Plenary Invited**

Performance and Perspectives of Hadron Storage Rings

Wednesday, 12 October 2011 09:00 (35 minutes)

Storage rings are used world-wide for various research topics and scientific applications. Next generation hadron storage rings are seeking for highest luminosity and precision. Advanced beam- and spin dynamics simulations are key tools to reach the required performance. In this presentation the performance of high-luminosity and resolution operation in the High-Energy Storage Ring HESR will be discussed and perspectives for high-precision of proposed storage rings for EDM (electric dipole moment) search presented.

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