

Optics Measurements, Corrections and Modeling for High-Performance Storage Rings



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LHC Operations

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The present challenges in terms of measurement, correction and modelling for LHC operations are briefly summarized. There is potential for pushing the performance in the next couple of years - the options and the implications of these for operations are discussed. In the longer term, operational challenges will include the move to higher energy, the potential squeeze to nominal beta* and the push to nominal beam intensity. The demands that these will make on the operational measurement, correction and modelling strategies are outlined.

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Session Classification: LHC complex present and future plans