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Insertions & Dispersion Suppressors

Tuesday 12 November 2024 14:30 (1 hour)

This lecture presents a comprehensive exploration of the design principles for low-beta insertions and dispersion suppressors in particle colliders. The primary focus is on optimizing beam optics to enhance collider performance, particularly in high-luminosity environments. Both sections emphasize theoretical models, practical implementation, and the comparative advantages of alternative topological configurations.

Presenter: STERBINI, Guido (CERN)