DIS 2014 - XXII. International Workshop on Deep-Inelastic Scattering and Related Subjects



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UE event tunes and double parton scattering/Measurement of four-jet production in proton-proton collisions at sqrt(s) = 7 TeV;

Wednesday, 30 April 2014 09:50 (30 minutes)

New UE event tunes, based on measurements done at 7 TeV as well as at lower energies together with Tevatron measurements are presented. Especially the energy dependent parameters of the UE are better constrained, allowing for extrapolation to 13-14 TeV. The new tunes are compared to measurements of Double Parton Scattering and the consistency of the tunes is investigated.

Primary author: GROTHE, Monika (University of Wisconsin (US))

Presenter: GUNNELLINI, Paolo (Deutsches Elektronen-Synchrotron (DE))

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