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Recent Developments in Geant4 Physics

Thursday, March 28, 2019 4:00 PM (30 minutes)

Since the last Antideuteron workshop there have been many improvements in the simulation of physics processes in Geant4. This talk will cover medium and high energy hadronic and electromagnetic physics models implemented or improved since then, with a focus on those of most importance for antideuteron detection. Topics will include improved cascade and QCD string models, as well as multiple scattering, pair production and bremsstrahlung.

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