

# **$\bar{d}14$ 1st cosmic ray antideuteron workshop**

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## **Monte Carlo generators of high energy hadronic collisions: applications for secondary cosmic rays**

*Friday, June 6, 2014 2:30 PM (30 minutes)*

I shall briefly review Monte Carlo models of hadronic and nuclear interactions, used in the high energy cosmic ray field. In particular, I'll illustrate the possibility to push some of those models into the low energy range, with potential applications for calculations of gamma-ray and antiproton fluxes. A special attention will be devoted to the calculation of the so-called nuclear enhancement factors. A relevance to calculations of antideuteron production will be also discussed.

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