

Towards gauge theory for EW scale DM

Thursday, 15 October 2015 09:45 (45 minutes)

I present gauge models for EW scale DM, and discuss the role of DM, dark gauge bosons and dark Higgs in this class of models in the context of particle physics, DM phenomenology and cosmology, including Higgs signal strength, collider searches of DM, galactic center gamma ray excess, dark radiation and Higgs inflation.

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Session Classification: Plenary Session