



Contribution ID: 139

Type: **Talk**

Simulations of Structure Formation in CDM and Beyond

Friday, July 27, 2018 11:50 AM (25 minutes)

I will describe recent progress in structure formation and galaxy formation simulations. I will demonstrate that recent large-scale simulations are able to reproduce the observed galaxy population on large scales. Based on those simulations I will then present results on the dark matter distribution in galaxies and discuss implications for dark matter detection experiments. At the end of my talk I will also present recent results on non-CDM simulations focusing on self-interacting dark matter models.

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Session Classification: 5.2 Plenary

Track Classification: Plenary