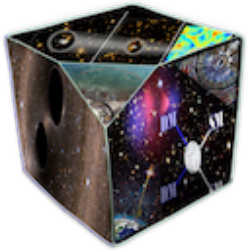

Contribution ID: **30** Type: **not specified**

Matter in the Universe as a Consequence of the Fermi Scale Epoch

Monday, 20 August 2018 14:00 (30 minutes)

The Standard Model may be a valid effective field theory all the way up to the Planck scale, still it suffers from a number of theoretical and observational shortcomings. I will overview the theoretical, phenomenological and cosmological arguments for a possible existence of new particles with masses below the Fermi scale and discuss the experimental prospects to search for them.

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Academic position

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Session Classification: Early universe cosmology