



Contribution ID: 263

Type: **Oral presentation**

Searches for magnetic monopoles: a review

Thursday, 12 July 2018 08:30 (30 minutes)

A short review on the state-of-the-art of searches for magnetic monopoles is presented. Theoretical scenarios predicting them and the motivation behind postulating the existence of monopoles are briefly highlighted. Various techniques for direct and indirect searches of monopoles are reviewed, whereas emphasis is given on the results of the searches and the exclusion limits set in cosmic and collider experiments. Present and future experiments for magnetic monopole detection, such as ATLAS and MoEDAL at the LHC, is also discussed.

Primary author: MITSOU, Vasiliki (Univ. of Valencia and CSIC (ES))

Presenter: MITSOU, Vasiliki (Univ. of Valencia and CSIC (ES))

Session Classification: Plenary Session