

The MAGIA-Advanced Experiment

Monday 22 July 2019 13:30 (30 minutes)

The MAGIA-Advanced Experiment is a project funded by the Italian Ministry for Research and Istituto Nazionale Fisica Nucleare for a large scale atom interferometer based on ultracold Rb and Sr atoms. In addition to lab R&D activity, the team is investigating the possibility of a 100-300 m atom interferometer to be installed in a vertical shaft on Sardinia island. Main goals are GW observation and search for DM.

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Session Classification: Towards Space: Review of Terrestrial Projects