

The MIGA Experiment:

Monday 22 July 2019 11:50 (30 minutes)

The Matter-wave laser Interferometric Gravitation Antenna (MIGA) Experiment aims at demonstrating precision measurements of gravity with cold atom sensors in a large-scale instrument and at studying associated applications in geosciences and fundamental physics. In particular, it will assess future potential applications of atom interferometry to gravitational wave detection in the mid-frequency band between 0.1 and 10 Hz, intermediate between LISA and LIGO/Virgo/KAGRA/INDIGO/ET. <http://miga-project.org/>.

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Session Classification: Towards Space: Review of Terrestrial Projects