

The SAGE Mission

Monday 22 July 2019 16:20 (30 minutes)

The Space Atomic Gravity Explorer (SAGE) mission was proposed to the European Space Agency in 2016 in response to a Call for “New Ideas”(<https://www.cosmos.esa.int/web/new-scientific-ideas>). It has the scientific objective to investigate Gravitational Waves, Dark Matter, and other fundamental aspects of gravity as well as the connection between gravitational physics and quantum physics combining quantum sensing and quantum communication based on recent impressive advances in quantum technologies for atom interferometers, optical clocks, microwave and optical links.

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Session Classification: Towards Space: Review of Terrestrial Projects