

Engineering Challenges of MAGIS-100

Friday, 24 February 2023 09:00 (1 hour)

In this All Engineers Retreat session, learn about the Matter-wave Atomic Gradiometer Interferometric Sensor (MAGIS-100). MAGIS-100 is a quantum sensor which will be installed in the existing 100-meter-deep shaft at the MINOS building. An overview of the engineering challenges associated with building a next-generation atom interferometer in a vertical space will be presented. Presenter: Linda Valerio (MAGIS-100 Project Engineer). This meeting will be hybrid.