

CAOS: an international laboratory for prototyping ET suspensions

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The CAOS (Center for Applications on Gravitational Waves and Seismology) laboratory is going to be constructed in Perugia in the coming years. It will serve as an international facility where two full-scale ET suspensions will be built. Additionally, a Fabry-Perot cavity will be realized to facilitate various studies on the different noise sources characteristic of third-generation gravitational wave detectors. The aim of the presentation is to outline the current status of CAOS and the preliminary studies for the project's realization.

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