

# CALVA, a facility for frequency dependent squeezing

CALVA is an experimental facility at IJCLab (Orsay, France), hosting a 50-m long suspended optical cavity. It is mainly dedicated to quantum noise reduction experiments with the development of an in-vacuum squeezing source and a linear three-mirror cavity as squeezing filter cavity. In this poster I will present the infrastructure, the on-going experiments and the projects foreseen for gravitational wave detectors (Advanced Virgo and Einstein Telescope).

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