

## Optical design of the Advanced Virgo + detector

*vendredi 11 octobre 2019 10:00 (15 minutes)*

Advanced Virgo+ (AdV+) will see the improvement of several aspects of the Advanced Virgo (AdV) detector. In this talk we will give an overview of the efforts on-going for the optical design of the detector. In particular, we will describe the activity related to the increase of the beam size on the test masses, in order to reduce the coating Brownian noise.

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**Classification de Session:** Groupe de travail: Développement des détecteurs