



Contribution ID: 109

Type: talk

## Scattered light study in Advanced Virgo Plus

*Tuesday, 18 May 2021 00:30 (15 minutes)*

Perspective of the work done during the reviews in the context of scattered light in Advanced Virgo Plus. In particular, study of ghost beams on different detector systems (frequency dependent squeezing, detection) with consequent mitigation actions performed and planned. Status of the tools available for the study of stray light in gravitational wave detectors and future research prospects to limit this problem.

**Primary author:** POLINI, Eleonora (LAPP)

**Presenter:** POLINI, Eleonora (LAPP)

**Session Classification:** Scattered light workshop

**Track Classification:** Workshops: Scattered light workshop