



Contribution ID: 137

Type: **Poster**

Optical lock-in camera for gravitational wave detectors

Tuesday 13 December 2022 18:45 (15 minutes)

Phase cameras are wavefront sensors which measure the transverse amplitude and phase of specific frequency components of optical fields. In this presentation we discuss a new all optical phase camera design and give an overview of previous and ongoing applications.

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Session Classification: Poster session

Track Classification: ANZCOP: ANZCOP: Optical sensors