



Contribution ID: 152

Type: **Presentation**

Cosmic Explorer input optics designs

Monday, 22 May 2023 16:15 (15 minutes)

Optomechanical designs for third-generation gravitational-wave detectors are currently under development. The input optics for 3G detectors will be a major consideration for the infrastructure and facilities costs. In this talk we will discuss the requirements for input optics for Cosmic Explorer, and consider some optical designs which satisfy those requirements with minimal facilities costs.

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Session Classification: Third generation Infrastructures

Track Classification: Infrastructures: Infrastructures