



ID de Contribution: 161

Type: Non spécifié

KAGRA: Large Cryogenic Gravitational Wave Antenna

jeudi 30 mars 2023 12:15 (25 minutes)

KAGRA is a 3-km interferometric Gravitational-wave antenna placed at the underground site of Kamioka, Gifu, Japan. The test-mass mirrors are cooled down to cryogenic temperature to suppress the effect of thermal noise. KAGRA started the observation run in 2020, and now preparing for the next observation run, O4, together with LIGO and VIRGO. In this talk, science, design, and current status will be presented.

Auteur principal: ANDO, Masaki (University of Tokyo)

Orateur: ANDO, Masaki (University of Tokyo)

Classification de Session: Session

Classification de thématique: Gravitational Waves