

The 3rd KMI School Machine Learning in Particle and Astrophysics

Contribution ID : 23

Breakout room #4: Glitch noise study of gravitational wave interferometer in KAGRA

Tuesday 17 Nov 2020 at 14:20 (01h40')

Content :

KAGRA is gravitational wave interferometer in Japan. This experiment can be sensitive to not only gravitational wave but also environmental noise like electric noise, earthquake, and sound. My research is to identify such hardware related signal excess from true gravitational signal using auxiliary data of environmental monitor and so on.

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