

# GWADW2022 - Approaching the low-frequency design sensitivity of ground-based detectors

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## Approaches to low frequency noise in LIGO

*Monday, 23 May 2022 14:35 (20 minutes)*

This talk will overview the current views of low frequency noise contributions in LIGO. This overview provides context to discuss potential upgrade options either to reduce direct noise contributions or to address underlying causes of complex bilinear noises.

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**Session Classification:** Plenary

**Track Classification:** Instrument status: lessons and challenges for low frequencies