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## Poster: Mechanical Design of a HoQI Interferometer for the LIGO Big Beamsplitter Suspension

*Wednesday, 19 May 2021 16:09 (1 minute)*

There is a funded proposal, and ability to retrofit (as in not part of the Ligo A+ baseline) HoQI Interferometers in the big beamsplitter suspension. While the theoretical design and components had been finalized, no mechanical design was made that would fit the set envelope. This poster will display the first iteration towards a mechanical design that could be installed to allow for local damping between the Penultimate Mass (PUM, M2) and the suspension frame (Lower Tablecloth).

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