

Cover Letter

Richland, 25 September 2011.

Title: Tip-Tilt Mirror Suspension: Beam Steering for Advanced LIGO Sensing and Control Signals

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Dear Editor,

Please consider the above mentioned manuscript. The suspended steering mirror is a unique design providing a sturdy optics holder for beam steering in advanced gravitational wave detectors and other precise optical metrology experiments.

The design is built for installation in the Advanced LIGO gravitational wave detectors, which are currently being built.

I am a scientist at the Australian National University and currently as a Visiting Associate in Physics at the California Institute of Technology. My current corresponding details are given below.

Regards,

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