Wanna measure a gravitational wave?



- 40 kg mirrors perform a quantum measurement;
- The most precise measurement is made over 24 orders of magnitude;
- Our goals are astrophysical, our challenges very quantum engineering-y.

Performing quantum measurement!





Example LIGO projects on parametric instability



Example project in our group's new cleanrooms







ARC Centre of Excellence for Gravitational Wave Discovery













Australian Government Australian Research Council

Optimised Euler Spring blade

