



# Uncertainties in LIGO data calibration



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## The "DARM loop"







## The "DARM response"



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#### Strain Sensitivity of the LIGO Interferometers

S5 Performance - May 2007 LIGO-G070366-00-E













# Overall scale factor ("DC calibration")





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Yes, if we are careful enough with vetoes. Can we measure parameters? Discussion topic!