

Status of End to End model

LSC Meeting at LLO on March 16th, 2001

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- ◆ LIGO End to End simulation
- ◆ Lock acquisition design
 - » How to increase the threshold velocity under realistic condition
 - » Hanford 2k simulation setup
 - » Lock acquisition, real and simulated
- ◆ In-lock state noise simulation
 - » Seismic, thermal and shortnoise
 - » Simulate sensitivity curve
- ◆ Detector operation support
- ◆ Future plan - LIGO I and advanced LIGO