

Slide 1

LSC – Advanced Interferometer Configurations

Technical Working Group – Progress and Plans

- Topics & Objectives
- Schedule

Slide 2

Key Objectives

- (1) Configuration Design Requirements Review
 - Can we prepare this?
 - How much work do we still need to do?
 - Do it (or assign it).
- (2) Technical Progress review
 - Benchmark experiment results (deadline)
 - New ideas survey
 - Identify weak areas

Slide 3

Other questions

- (1) Inter WG dependencies?
 - Silica/Sapphire – no real change to configuration work (details)
 - Thermo-elastic noise – ditto (changes requirements in small details)
- (2) Effort needed to make group work
 - Do we have enough?
 - Identify weak areas

Slide 4

Schedule

- (1) Today
 - Review of Bench-top experiments and new ideas
- (2) Friday
 - Design requirements for LIGOII & Glasgow experiments
- (3) Saturday
 - Design requirements for LIGOII & 40m experiments
 - (includes 40m Oversight meeting)