



Plans towards O3

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Joint Run Planning Committee

LIGO-G1800136

Overall O3 picture

- Goal: run O3 for approximately 1 calendar year with both LIGO detectors at (at least) 120 Mpc, and Virgo at (at least) 65 Mpc
- Given current progress at the three sites, we believe that the sensitivity goals will be achieved by the end of 2018

Plausible O3 scenario

- 1 month long Engineering Run (ER) with three detectors, right before O3, starting in October/November 2018
 - Main goal is to test on-line analysis infrastructure
 - O3 to follow
- Plausible O3 starting date:
 - November / December 2018
 - Plans will be consolidated over the Summer

Possible additional Engineering Run

- If compatible with commissioning schedule, we might have another opportunistic ER before the end of the Summer
- Too soon to say, heavily depend on commissioning progress at the three sites