Plans towards O3

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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