

## **EChO and ground-based characterization of exoplanet atmospheres**

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With the EChO launch and operation foreseen in the early 2020s, it is expected that one or more of the next-generation ground-based telescopes, a.k.a. Extremely Large Telescopes (ELTs), will be operational, and will be extensively used for exoplanet characterization studies. In this talk I will describe the expected ELT capabilities and their relation to the science of EChO. Bottom line: ELT and EChO observations will be highly complementary and mutually beneficial.