## **GRAvitational-waves Science&technology Symposium (GRASS 2019)**



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## **ET Pathfinder**

Thursday, 24 October 2019 12:00 (25 minutes)

With the next generation of gravitational wave detectors being planned to operate at cryogenic temperatures we are facing many new challenges. ET Pathfinder will be a test facility for establishing new techniques required in future cryogenic detectors. In this talk we would like to introduce ET Pathfinder and some of the techniques we are planning to implement, with a focus on test-mass materials and coatings.

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Session Classification: Other challenges for future GW detectors