

Abstract Submitted
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Beyond ALPS¹ HAROLD HOLLIS, University of Florida, ALPS COLLABORATION — The Any Light Particle Search II (ALPS II) is a light shining through a wall experiment currently in the commissioning phase at DESY. Due to begin initial science runs this year, it incorporates two identical 106 m long strings of straightened HERA superconducting 5.3 T dipole magnets. This magnet infrastructure provides opportunities for follow-on experiments beyond ALPS II. I discuss some of the experiments being considered including upgraded ALPS, searches for vacuum magnetic birefringence, searches for ultra-high frequency gravitational waves, and an interferometry Haloscope experiment.

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