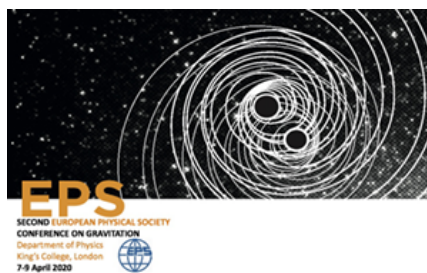


Second European Physical Society Conference on Gravitation: measuring gravity



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Measuring gravitation with antihydrogen: the ALPHA-g experiment

ALPHA (Antihydrogen Laser Physics Apparatus) is a leading antihydrogen experiment located at CERN, the European Organization for Nuclear Research in Geneva, Switzerland. The ALPHA-g project is a new initiative by the ALPHA collaboration to measure the gravitational interaction of antimatter. ALPHA-g apparatus features a 3 meter tall cryogenic, superconducting magnetic trap. Antihydrogen atoms will be created, captured, cooled and then dropped, in order to study if antimatter behaves the same way as matter does in the field of the Earth gravity.

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