

## The ZAIGA Experiment

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The Zhaoshan long-baseline Atom Interferometer Gravitation Antenna (ZAIGA) is an underground laser-linked interferometer facility under construction near Wuhan, China. It has an equilateral triangle configuration with two 1-km-apart atom interferometers in each arm, a 300-meter vertical tunnel equipped with an atom fountain and atomic clocks, and 1-km-arm-length optical clocks linked by locked lasers. It is designed for experimental research on gravitation and related problems including gravitational wave detection and high-precision tests of the equivalence principle.

<https://arxiv.org/pdf/1903.09288.pdf>

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