

Status and update on the BRASS project

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The BRASS (Broad-band Radiometric Axion SearchES) experiment uses a magnetized conversion surface to search for dark matter axions. The pioneering experiment BRASS-6 will use a 6 sqm parabolic dish and an array of permanent magnets arranged in a flat conversion surface together with an M band receiver. The experiment is currently under construction in radio-shielded laboratory space at the University of Hamburg. We will report on the details of the setup, calibration procedures, and expected performance.

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