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Experimental overview of testing fundamental symmetries

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The availability of antiprotons has enabled novel experiments to
test fundamental symmetries and to determine several fundamental constants which are otherwise unaccessible. Such experiments which are primarily concerned with the simplest and lightest possible antiprotonic atom such as antiprotonic hydrogen or antiprotonic helium which are used to investigate the basic interations and fundamental symmetries in nature. The present status of ongoing projects will be reviewed, novel possibilities will be discussed and their often unique potential to test model building in fundamental physical theory and test precise calculations will be covered.

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