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## MAGPI and GALILEO

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I will discuss two new experimental approaches to detect axions. The first, MAGPI, searches for an axion field produced by the Earth or a local test body by looking for the polarization rotation caused by the axion in RF light stored in a cavity. The second, GALILEO, looks for axions in the THz range by looking for the effects of the axion on the index of refraction of a non-linear optical crystal.

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