**Editorial Note: Experimental Observation of Optical Rotation Generated
in Vacuum by a Magnetic Field
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The observed vacuum optical rotation signal reported in [1] has now been excluded by more recent results from the PVLAS Collaboration [2], which show that it was due to an instrumental artifact and was not of physical origin. These new data therefore also exclude the possible interpretation of the signal reported in [1], as caused by the existence of a light, neutral, spin-zero particle.

[1] E. Zavattini *et al.*, Phys. Rev. Lett. **96**, 110406 (2006).

[2] E. Zavattini *et al.*, arXiv:0706.3419.