

# New tests of the anomalous transparency of the Universe for gamma rays and of its axionic explanation.

*Wednesday, September 14, 2016 4:50 PM (15 minutes)*

New observational tests of anomalies in absorption of gamma rays from distant sources, which may point to existence of light axion-like particles, are discussed. Constraints on parameters of the would-be axion-like particle are presented and various scenarios are tested.

## Summary

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**Session Classification:** Poster Session (coffee at 15:00) & CERN Visit

**Track Classification:** Gamma-ray astrophysics