

## Search for New Physics at BABAR

Many extensions of the Standard Model include the possibility of light new particles, such as axions or dark matter candidates. These scenarios can be probed using the large data sets collected by B-factories, complementing measurements performed at the LHC. The BABAR collaboration has conducted an extensive program to search for axions in B decays, self-interacting or non-minimal dark forces, as well as six-quark dark matter candidates. In this talk, we'll report on recent the most recent results.

**Primary author:** ANULLI, Fabio (Sapienza Universita e INFN, Roma I (IT))

**Presenter:** ANULLI, Fabio (Sapienza Universita e INFN, Roma I (IT))

**Session Classification:** Dark Matter, Astroparticle Physics

**Track Classification:** Dark Matter, Astroparticle Physics