

## **Indirect dark matter searches: current status and perspectives**

*Wednesday, September 14, 2016 11:30 AM (30 minutes)*

Many theoretical ideas for the particle nature of dark matter exist. The most popular models often predict that dark matter particles self-annihilate or decay, giving rise to potentially detectable signatures in astronomical observations. I will summarize the current status of searches for such signatures and critically reassess recent claims for dark matter signals. I will further provide an outlook on anticipated developments in the next 10 years, and discuss new methods to facilitate strategy development.

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