

## P5 Town Hall Meeting



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# Broad impact of the Energy Frontier towards BSM searches in synergy with the other frontiers: Axion and ALP example

Energy frontier searches have a broad impact on and synergy with the other frontiers. In this talk, I will focus on how terrestrial probes, especially the energy frontier experiments, can play an important role in this regard, in combination with cosmic and intensity frontier probes. I will give an example involving heavy axions that solve the strong CP and axion quality problem, and how the high-luminosity LHC can discover them.

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