

## Physics Beyond Colliders Kickoff Workshop



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### **New Physics below the Fermi Scale**

*Tuesday, September 6, 2016 9:30 AM (30 minutes)*

The Standard Model may be a valid effective field theory all the way up to the Planck scale, still it suffers from a number of theoretical and observational shortcomings. I will overview the arguments for a possible existence of new particles with masses below the electroweak scale and discuss the experimental prospects to search for them.

**Presenter:** SHAPOSHNIKOV, Mikhail (EPFL)

**Session Classification:** Theorists - motivations, ideas and wishes