

# Particle physics constraints from future cosmological surveys

*Thursday, September 15, 2016 9:30 AM (30 minutes)*

The next generation of cosmological surveys (of large scale structures, CMB polarisation, 21cm line), approved (Euclid, SKA, ...) or submitted (CORe+, LiteBird), have the potential to return a lot of relevant information for particle physics. I will present and comment some of the most recent sensitivity forecasts related to neutrino physics, light relics and Dark Matter properties.

## Summary

**Presenter:** LESGOURGUES, Julien (TTK, RWTH Aachen University)

**Session Classification:** Plenary