

## **Sterile Neutrinos in the Early Universe**

*Friday, 1 June 2018 16:10 (25 minutes)*

I will give an overview of sterile neutrino physics in the early universe and in cosmology, especially as regards dark matter. This will include a discussion of production mechanisms, relic densities, the relationship of these to lepton and baryon numbers, and associated high energy scale physics issues. I will also discuss the status of X-ray observational constraints on sterile neutrino and other light dark matter, dark matter candidates.

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