



Contribution ID: 19

Type: **not specified**

Light sterile neutrinos and reactor experiments

Wednesday 28 July 2021 11:20 (20 minutes)

Most observations in neutrino oscillation physics are well described within the three-neutrino paradigm. There are, however, some anomalies which might hint towards the existence of a fourth (and sterile) neutrino with eV-scale mass. I discuss the current status of searches of this type of neutrino at reactor experiments. I discuss the status of the rate anomaly and also the status of searches at ratio experiments. Finally, I compare the results from searches at reactor experiments with searches at other types of experiments.

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Session Classification: NuCo 2