

34th KATRIN Collaboration Meeting

Wednesday, February 21, 2018

Parallel C1: Backgrounds & sterile neutrinos - R 410 (9:00 AM - 11:00 AM)

-Conveners: Florian Fraenkle

time	[id] title	presenter
9:00 AM	[129] keV-scale sterile neutrino search at Troitsk with the TRISTAN detector: phase-1 and phase-2	ALTENMÜLLER, Konrad BRUNST, Tim
9:25 AM	[128] A model for a keV-scale sterile neutrino search with KATRIN: SSC-sterile	LOKHOV, Alexey ROCCATTI, Federico STEVEN, Madlen
9:45 AM	[130] KIT TRISTAN lab: characterising the IPE4 DAQ system	BERGMANN, Till
10:00 AM	[124] Rydberg background modelling	HINZ, Dominic
10:15 AM	[125] Background Dependence on Retarding Potential near the Endpoint of Tritium	BLOCK, Fabian
10:30 AM	[126] Ion scattering simulations in the KATRIN spectrometers	BAEK, Woo-Jeong
10:45 AM	[127] Performance of the new detector veto and SDS3-Xmas muon analysis	ENOMOTO, Sanshiro