

Session Program

Oct 5 - 9, 2015

29th KATRIN Collaboration Meeting

Parallel C1

Tue, October 6

2:15 PM

Parallel C1: STS Analysis, Simulation & Steriles

Session | **Location:** B401, R410 | **Convener:** Susanne Mertens

14:15 – 14:30

Influence on the response function from the elastic electron scattering in the source

Speaker

Alexey Lokhov

14:30 – 14:45

Measurement of the Main Spectrometer work function with the Rear Section eGun

Speaker

Florian Heizmann

14:45 – 15:00

Towards a full simulation of the expected FBM detector signal in tritium mode

Speaker

Norman Haußmann

15:00 – 15:15

Final states distribution version and negative neutrino mass puzzle

Speaker

Nikita Titov

15:15 – 15:30

keV sterile neutrino search by TOF - preliminary sensitivity simulation results

Speaker

Nicholas Steinbrink

15:30 – 15:45

Transmission properties of the MS when operated to search for keV-scale sterile neutrinos

Speaker

Anton Huber

15:45 – 16:00

Detector Design Studies for keV-scale sterile neutrino search

Speaker

Marc Korzeczek

16:00 – 16:15

Requirements on read-out electronics for keV-scale sterile neutrino search

Speaker

Kai Dolde

4:15 PM