

Session Program

Mar 9 - 11, 2016

30th KATRIN Collaboration Meeting

Parallel 2B

B401, R410
KIT Campus North

Fri, March 11

8:45 AM

Parallel 2B: Simulations KATRIN and investigations beyond

Session | **Location:** B425, R 206 | **Convener:** Volker Hannen

08:45 – 09:00 **Simulations of electric dipole fields in the main spectrometer**

Speaker

Sebastian Stern

09:00 – 09:15 **Particle simulation in three dimensional models with Kassiopeia**

Speaker

John Barrett

09:15 – 09:30 **Time-of-flight spectroscopy at KATRIN with a DC tagger**

Speaker

Christian Weinheimer

09:30 – 09:45 **Time-focusing for keV sterile neutrino search**

Speaker

Mariia Fedkevych

09:45 – 09:55

Status of the TRISTAN prototype detectors for keV-scale sterile neutrino searches

Speaker

Kai Dolde

09:55 – 10:10

Detector & read-out development at CEA for keV-neutrinos with KATRIN

Speaker

Marc Korzeczek

10:10 – 10:20 **Sensitivity and impact of eV-range sterile**

Speaker

Marc Korzeczek

10:20 – 10:35 **Right-handed currents with eV-scale steriles**

Speaker

Nicholas Steinbrink

10:35 – 10:45 **Pre-KATRIN Sterile Neutrino Search**

Speaker

Anton Huber

10:45 AM