

**Session Program**

**Mar 9 - 11, 2016**

**30th KATRIN Collaboration Meeting**

**Parallel 2A**

B401, R410  
KIT Campus North

# Fri, March 11

8:45 AM

## Parallel 2A: Source Systematics

**Session** | **Location:** B401, R410, KIT Campus North | **Convener:** Marco Röllig

**08:45 – 09:00 Motivation for a capillary-Raman-System behind the WGTS**

**Speaker**

Andreas Off

**09:00 – 09:15**

**Verification of the final-state spectrum of  $\text{HeT}^+$  following tritium  $\beta$  decay**

**Speaker**

Christoph Roll

**09:15 – 09:30**

**Update on the TRIMS experiment**

**Speaker**

Diana Parno

**09:30 – 09:45**

**Internal atomic movement in T<sub>2</sub> molecule and electron elastic scattering**

**Speaker**

Lokhov Alexey

**09:45 – 10:00**

**Electron energy loss spectrum measurement systematic**

**Speaker**

Nikita Titov

**10:00 – 10:15**

**Simulation of differential electron spectra in the WGTS**

**Speaker**

Normann Haußmann

**10:15 – 10:30**

**Tritium ions in the Source and Transport Section**

**Speaker**

Manuel Klein

**10:30 – 10:45**

**WGTS Plasma - What will it look like and how can we get access**

**Speaker**

Laura Kuckert

10:45 AM