

**Session Program**

**Oct 5 - 9, 2015**

**29th KATRIN Collaboration Meeting**

**Parallel C2**

## Tue, October 6

2:15 PM

### Parallel C2: Simulations

**Session** | **Location:** B425, R206 | **Convener:** Alexander Jansen

14:15 – 14:30 **Improvements of three-dimensional field computation methods**

**Speaker**

Daniel Hilk

14:30 – 14:45 **FFTM for charge density calculations**

**Speaker**

Wolfgang Gosda

14:45 – 15:00 **Geant simulation of environmental gammas in the spectrometer hall.**

**Speaker**

Luke Kippenbrock

15:00 – 15:15

**Response of a proportional counter to  $^{37}\text{Ar}$  and  $^{71}\text{Ge}$ : measured spectra versus GEANT4 simulation**

**Speaker**

Dzhonrid Abdurashitov

15:15 – 15:30 **STS EMD issues**

**Speaker**

Ferenc Glueck

15:30 – 15:45 **Magnetic field and flux tube in DPS and CPS**

**Speaker**

Rudolf Sack

15:45 – 16:00 **EMD COMSOL calculations for the CPS**

**Speaker**

Carsten Roettele

4:15 PM