

Session Program

Nov 26 – 30, 2018



Searching for New Physics with Cold and Controlled Molecules

Talks and discussions on

Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430
Staudingerweg 9 / 2nd floor, 55128 Mainz

Mon, November 26

2:00 PM

Talks and discussions on: Advances in electronic structure calculations

Session |

Location: Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430, Staudingerweg 9 / 2nd floor, 55128 Mainz

2:00 – 2:30 PM **Finite-field coupled cluster method for molecular properties**

Speaker

Dr Anastasia Borschevsky

2:40 – 3:10 PM

Role of Relativistic Many Body Theory in the Search for Electric Dipole Moment of the Electron in Cold Molecules

Speaker

Prof. Das Bhanu

3:20 – 3:40 PM **Coffee**

3:50 – 4:20 PM **Breaching $|d_e| \approx 10^{-32}$, e\$ cm with Ultracold Molecules ?**

Speaker

Prof. Timo Fleig

4:30 – 5:00 PM **Periodic trends of P,T-violation in linear molecules**

Speaker

Konstantin Gaul

5:00 PM