



# Arbeitsreffen Kernphysik 2023

## Friday 24 February 2023

### Seminar - Neutrino (Katrin) (18:30 - 19:30)

-Conveners: Loredana Gastaldo

time	[id] title	presenter
18:30	[11] "Neutrino Mass via Cyclotron Radiation Emission Spectroscopy, with the Project 8 Experiment"	THORNE, Larisa
19:00	[12] "Neutrino mass determination with Ho-163: The ECHo experiment"	BARTH, Arnulf

# Saturday 25 February 2023

## Seminar - Neutrino (KATRIN) (17:00 - 18:00)

-Conveners: Loredana Gastaldo

time	[id] title	presenter
17:00	[13] "Investigating the neutrino mass via neutrinoless double beta decays and the example of the COBRA experiment"	VOLKMER, Juliane
17:30	[14] "Background at the KATRIN experiment and novel mitigation methods"	WEINHEIMER, Christian

# Monday 27 February 2023

## Seminar - Neutrino (KATRIN) (18:30 - 19:30)

-Conveners: Loredana Gastaldo

time	[id] title	presenter
18:30	[15] "KATRIN neutrino mass analysis"	KÖLLENBERGER, Leonard
19:00	[18] "Direct high-precision determination of the electron capture Q-value in Ho-163"	SCHWEIGER, Christoph

# Wednesday 1 March 2023

## Seminar - Neutrino (Katrin) (10:45 - 12:00)

-Conveners: Loredana Gastaldo

time	[id] title	presenter
10:45	[17] "Ho-163 Implantation in MMC detector arrays"	KNEIP, Nina
11:05	[16] "Sterile neutrino dark matter searches with the KATRIN experiment"	EDZARDS, Frank
11:33	[19] "KATRIN beyond the neutrino mass measurements"	LOKHOV, Alexey