

Session Program

23 February 2023 to 2 March 2023



Arbeitstreffen Kernphysik 2023

Seminar - Modern Nuclear Structure

Schlechinger Bürgerhaus, Schulstraße 4
Tel. +49 (0) 8649 9889-19

Thursday 23 February

18:30

Seminar - Modern Nuclear Structure

Session | **Location:** Schlechinger Bürgerhaus, Schulstraße 4, Tel. +49 (0) 8649 9889-19 | **Convener:** Pierre Capel

18:30–19:00

"Collinear Laser Spectroscopy at ATLANTIS"

Speaker

Laura Renth

19:30

19:00–19:30

"Two-neutron halos in halo effective field theory"

Speaker

Matthias Göbel

Friday 24 February

17:00

Seminar - Modern Nuclear Structure

Session | **Location:** Schlechinger Bürgerhaus, Schulstraße 4, Tel. +49 (0) 8649 9889-19 | **Convener:** Pierre Capel

17:00–17:30

"Improved *ab initio* nuclear structure for medium-mass and heavy nuclei"

Speaker

Matthias Heinz

17:30–18:00

"Accessing the coupled channels dynamics using femtosopic correlations at LHC"

Speaker

Valentina Mantovani Sarti

18:00

Tuesday 28 February

17:00

Seminar - Modern Nuclear Structure

Session | **Location:** Schlechinger Bürgerhaus, Schulstraße 4, Tel. +49 (0) 8649 9889-19 | **Convener:** Pierre Capel

17:00–17:30

"Nuclear Structure Studies Through Atomic Masses"

Speaker

Lukas Nies

17:30–18:00

"Structure and geometry of ^{12}C from a Wigner $\text{SU}(4)$ symmetric interaction"

Speaker

Shihang Shen

18:00

Wednesday 1 March

18:30

Seminar - Modern Nuclear Structure

Session | **Location:** Schlechinger Bürgerhaus, Schulstraße 4, Tel. +49 (0) 8649 9889-19 | **Convener:** Pierre Capel

18:30–18:50

"Collinear laser spectroscopy at ISOLDE"

Speaker

Liss Vazquez Rodriguez

18:50–19:10

"Light p-shell hypernuclei in the frame work of the NCSM and chiral EFT"

Speaker

Hoai Le Thi

19:10–19:30

"Many-body systems dynamics explored using femtoscopy at the LHC"

Speaker

Raffaele Del Grande

19:30