

Session Program

9-14 Jun 2024

HaloWeek'24 - nuclei at and beyond the driplines

Neutron-rich systems

Chalmers University of Technology, Kollektorn

Monday 10 June

15:30

Neutron-rich systems

Session | **Location:** Chalmers University of Technology, Kollektorn | **Convener:** Takashi Nakamura

15:30–16:00

Nuclear structure-based optical potentials for studies of nuclei near the driplines

Speaker

Grigor Sargsyan

16:00–16:30

Multi-neutron correlation and clustering in neutron-rich nuclear systems

Speaker

Zaihong Yang

16:30

Tuesday 11 June

09:00

Neutron-rich systems

Session | **Location:** Chalmers University of Technology, Kollektorn | **Convener:** Thomas Aumann

09:00–09:30

Helium halo isotopes and other neutron-rich stories

Speaker

Francesca Bonaiti

09:30–10:00

Pure-neutron nuclei - Current and Future

Speaker

Takashi Nakamura

10:00–10:30

Structure of light neutron-rich nuclei

Speaker

Emiko Hiyama

10:30

11:00

Neutron-rich systems

Session | **Location:** Chalmers University of Technology, Kollektorn | **Convener:** Thomas Aumann

11:00–11:30

Search for near-threshold multi-neutron resonances with (p,2p) reactions in neutron-rich nuclei at R3B

Speaker

Nikhil Mozumdar

11:30

Thursday 13 June

14:00

Neutron-rich systems

Session | **Location:** Chalmers University of Technology, Kollektorn | **Convener:** Rituparna Kanungo

14:00–14:30

Cluster structure of neutron-rich beryllium isotopes probed by cluster knockout reactions in inverse kinematics

Speaker

Dr Pengjie Li

14:30–15:00

Study of extremely neutron-rich oxygen isotopes

Speaker

Yosuke Kondo

15:00

15:30

Neutron-rich systems

Session | **Location:** Chalmers University of Technology, Kollektorn | **Convener:** Rituparna Kanungo

15:30–16:00

Recent experiments and future perspectives at MoNA collaboration at FRIB

Speaker

Belen Monteagudo

16:00