

Session Program

15-17 Jun 2022

Fysikdagarna 2022

Sektionen för kärnfysik

Wednesday 15 June

12:30

Sektionen för kärnfysik: AF Borgen, Kerstins rum

Session | Location: | Convener: Joakim Cederkall

12:30–13:00 **Isospin-symmetry breaking in nuclei and applications**

Speaker

Nadezda Smirnova

13:00–13:30 **Recent results from the R3B experiment**

Speaker

Dr Andrea Jedele

13:30–13:50 **Bayesian inference and predictions in the few-nucleon sector**

Speaker

Isak Svensson

13:50–14:10

Posterior predictive distributions of nucleon-deuteron scattering observables

Speaker

Sean Miller

14:10–14:30 **Mirror Symmetry and Proton Emission in the Upper fp Shell**

Speaker

Yuliia Hrabar

14:30–14:50 **Stories from inside a magnet: solenoidal spectrometers**

Speaker

Anna Kawecka

14:50–15:15 **Coffee**

15:15–15:40 **The potential of multi-strange physics with PANDA at FAIR**

Speaker

Michael Papenbrock

15:40–16:00

Femto-science: Electromagnetic transition form factors of the nucleon

Speaker

Di An

16:00–16:20 **The Structure of Something Strange**

Speaker

Viktor Thorén

16:20–16:40 **Exploring the HADES Feb22 pp Run**

Speaker

Jana Rieger

16:40-17:00

Physics Opportunities from the $pp \rightarrow K \Lambda \Lambda$ Reaction Channel at HADES

Speaker

Malin Bohman

17:00