

**All talks are located in C520**

**MONDAY**

8:00 - 9:00

9:00 - 10:00 Scott Bogner

10:00 - 11:00 Jason Holt

11:00 - 11:30

11:30 - 12:30 Rituparna Kanungo

12:30 - 14:00

14:00 - 15:00 Pieter Maris

15:00 - 15:30

15:30 - 16:30 Achim Schwenk

**TUESDAY**

9:00 - 10:00 Hermann Krebs

10:00 - 11:00 Heiko Hergert

11:00 - 11:30

11:30 - 12:30 Paul Fallon

12:30 - 14:00

14:00 - 15:00 Arnoldas Deltuva

15:00 - 15:30

15:30 - 16:30 Hans-Werner Hammer

**WEDNESDAY**

9:00 - 10:00 Richard Furnstahl

10:00 - 11:00 Gaute Hagen

11:00 - 11:30

11:30 - 12:30 Thomas Neff

12:30 - 14:00

14:00 - 15:00 Ulf-G. Meißner

15:00 - 15:30

15:30 - 16:30 Henry Weller

19:00

**REGISTRATION (INT Main Office - C411)**

"High- momentum tails from low-momentum theories"

"Three nucleon forces and the structure of exotic nuclei"

**COFFEE BREAK**

"Exploring the evolution of nuclear shells and the effects of exotic structures in neutron-rich nuclei through direct reactions"

**LUNCH**

"Ab initio calculations of Be isotopes with JISP16"

**COFFEE BREAK**

"Three-nucleon forces and the evolution towards the driplines"

"Chiral three-nucleon forces up to N4LO"

"In-medium SRG for nuclei"

**COFFEE BREAK**

"A Study of Neutron Rich Carbon Nuclei"

**LUNCH**

"Three- and four-particle scattering"

**COFFEE BREAK**

"Effective Field Theory for Halo Nuclei"

"Asymptotic wave functions in light nuclei"

"Living at the edge of stability: the role of continuum and three-nucleon forces"

**COFFEE BREAK**

"Insight into the structure of light nuclei through short- and long-range correlations"

**LUNCH**

"Testing the anthropic principle using lattice simulations"

**COFFEE BREAK**

"Tri Alpha configurations in  $^{12}\text{C}$  for fusion energy production and helium burning"

**DINNER (PIATTI'S)**

**THURSDAY**

9:00 - 10:00	James Vary	"How solving light nuclei can help solve relativistic quantum field theory"
10:00 - 11:00	Robert Wiringa	"Recent results from nuclear quantum Monte Carlo"
11:00 - 11:30		<b>COFFEE BREAK</b>
11:30 - 12:30	Robert Roth	"Chiral Three-Nucleon Interactions and the Structure of Light Nuclei"
12:30 - 14:00		<b>LUNCH</b>
14:00 - 15:00	Sofia Quaglioni	"Ab initio calculations of light-ion fusion reactions"
15:00 - 15:30		<b>COFFEE BREAK (DISCUSSION - NUCLEAR ASTROPHYSICS)</b>
15:30 - 16:30	Joachim Langhammer	"Chiral Three-Nucleon Interactions in Nuclear Reactions and Medium-Mass Nuclei"

**FRIDAY**

9:00 - 10:00	Charlotte Elster	"Spin phenomena in elastic scattering of Helium-6 off protons"
10:00 - 11:00	Joaquin Drut	"Improved lattice operators for non-relativistic fermions"
11:00 - 11:30		<b>COFFEE BREAK</b>
11:30 - 12:30	Martin Savage	"Nuclei from QCD"
12:30 - 14:00		<b>LUNCH</b>
14:00 - 15:00	Calem Hoffman	"Characterizing neutron 0p-1s0d single-particle evolution in neutron-rich nuclei"
15:00 - 15:30		<b>COFFEE BREAK</b>
15:30 - 16:30	Kai Hebeler	"Momentum-space evolution of chiral three-nucleon forces"