

PAINT2023 - Workshop on Progress in Ab Initio Nuclear Theory

Tuesday, 28 February 2023

Morning: Talks (11:00 - 12:30)

-Conveners: Petr Navratil

time	[id] title	presenter
11:00	[7] Ab initio computation of 208Pb and emergence of nuclear saturation	FORSSÉN, Christian
11:30	[8] Wave function matching for the quantum many-body problem.	LEE, Dean
12:00	[9] Perturbation theory in continuum quantum Monte Carlo	GEZERLIS, Alex

Wednesday, 1 March 2023

Morning: Talks (09:30 - 10:30)

-Conveners: Jason Holt

time	[id] title	presenter
09:30	[21] How hard is it to compute an atomic nucleus?	PAPENBROCK, Thomas
10:00	[3] Isospin-breaking in the IMSRG	STROBERG, Ragnar

Morning: Talks (11:00 - 12:30)

-Conveners: Jason Holt

time	[id] title	presenter
11:00	[16] A Status Update on IMSRG Methods in Nuclear Physics	HERGERT, Heiko
11:30	[17] In-Medium No-Core Shell Model: Updates & Applications	ROTH, Robert
12:00	[18] Recent advances in self-consistent Green's function with Gorkov propagators	BARBIERI, Carlo

Friday, 3 March 2023

Morning: Talks (09:30 - 10:30)

-Conveners: Carlo Barbieri

time	[id] title	presenter
09:30	[5] New equation of state developments for neutron star matter and finite temperature	SCHWENK, Achim
10:00	[29] Ab initio electroweak reactions with nuclei	BACCA, Sonia

Morning: Talks (11:00 - 12:30)

-Conveners: Carlo Barbieri

time	[id] title	presenter
11:00	[20] Nuclear magnetic moments from chiral EFT	GANDOLFI, Stefano
11:30	[30] Revisiting chiral low-momentum interactions for medium-mass nuclei	ARTHUIS, Pierre
12:00	[31] Nambu-Covariant Green's Functions: application to superfluid nuclear matter	DRISSI, Mehdi