

PAINT2023 - Workshop on Progress in Ab Initio Nuclear Theory

Wednesday, 1 March 2023

Poster Jamboree (14:00 - 15:00)

-Conveners: Gaute Hagen

time	[id] title	presenter
14:00	[36] Computing nuclear responses for open-shell nuclei in coupled-cluster theory	BONAITI, Francesca
14:10	[37] Neutrinoless double- β decay from an effective field theory for heavy nuclei	BRASE, Catharina
14:20	[38] (Towards) Emulators for the IMSRG	DAVISON, Jacob
14:30	[39] Bogoliubov coupled-cluster theory	DEMOL, Pepijn
14:40	[40] Standard Model corrections to Fermi decays in the NCSM	GENNARI, Michael
14:50	[41] IMSRG with three-body operators	HEINZ, Matthias

Thursday, 2 March 2023

Poster Jamboree (15:30 - 17:00)

-Conveners: Dean Lee

time	[id] title	presenter
15:30	[42] Towards Precision Calculations of Hypernuclei"	KNÖLL, Marco
15:40	[43] Beyond Conventional RPA - Basis Optimization, Uncertainty Quantification and IM-SRG	MERTES, Laura
15:50	[45] Ab-initio description of monopole resonances in light- and medium-mass nuclei	PORRO, Andrea
16:00	[46] Bayesian Analysis of chiral EFT at Leading Order in a Modified Weinberg Power Counting	THIM, Oliver
16:10	[47] Scaled Natural Orbitals for Nuclear Radii	WAGNER, Lisa
16:20	[48] Machine Learning for Ab Initio Nuclear Structure Calculations	WOLFGRUBER,, Tobias
16:30	[49] Exploring Low-Rank Structures in the IMSRG Framework	ZHU, Boyao
16:40	[50] Improving Skryme energy density functionals with chiral effective field theory	ZUREK, Lars