

<b>Monday</b>			
Time		Presenter	Topic
9:00	5	Thomas Papenbrock	Welcome / logistics
9:05	5	Dick Furnstahl	Website update
9:10	5	Gaute Hagen	INCITE update
9:15	5	Xiaofeng Guo	
9:20	15	Thomas Papenbrock	NUCLEI overview
9:35	20	Saori Pastore	QMC update
9:55	10	Lorenzo Andreoli	Quantum Monte Carlo calculations of electron-nucleus scattering in the Short-Time Approximation
10:05	10	Garrett King	Weak processes in light nuclei with quantum Monte Carlo methods
10:15	15	Ronen Weiss	Short-range physics in nuclear systems
10:30	25	Coffee break	
10:55	20	Pieter Maris	MFDn for Ab Initio Nuclear Structure calculations
11:15	15	Kostas Kravvaris	Ab initio calculations of nuclear reactions
11:30	15	Rahul Somasundaram	Maximally local two-nucleon interactions at next-to-next-to-next-to-leading order in delta-less chiral effective field theory
11:45	15	Sam Novario	Ab Initio Calculations of Gamow-Teller Strength Distributions
12:00	20	Gaute Hagen	Coupled cluster computations of NUCLEI
12:20	10	Joshua Wylie	On the nature of $^9\text{N}$ and $^9\text{He}$ low-lying states
12:30	90	Lunch break	On your own
2:00	20	Carol Woodward	An overview of the SUNDIALS Library of Time Integrators and nonlinear Solvers
2:20	15	Tor Djaerv	Nuclear Tensor Contraction Library (NTCL)
2:35	15	Baishan Hu	Structure of $^{80}\text{Zr}$ and neutron skin in $^{208}\text{Pb}$
2:50	15	Zhonghao Sun	Structure of odd-mass Ne, Na, and Mg nuclei in the "island of inversion"
3:05	15	Bijaya Acharya	M1 transition in Calcium-48
3:20	20	Seyong Lee	Programming tools (CCAMP/OpenARC) for portable heterogeneous computing
3:40	5	Witek Nazarewicz	Excited $0^+$ state in $^4\text{He}$
3:45		Coffee break	
4:00		Breakout meetings	Rooms 192, 260, 367 are also available
5:30		Adjourn	
<b>Tuesday</b>			
Time		Presenter	Topic
9:00	20	Dick Furnstahl	MOR emulators for low-energy nuclear physics

9:20	10	Mostofa Hisham	Applying RG methods to nuclear reactions
9:30	10	Patrick Millican	TBA
9:40	20	Krishnan Raghavan	A Neural ODE approach to extrapolating Nuclear Observables
9:55	15	Pablo Giuliani	Dimensionality reduction for uncertainty quantification in nuclear physics
10:10	20	Dean Lee	Eigenvector Continuation and Matrix Model Emulators
10:30	30	Coffee break	
11:00	20	Matt Menickelly	Randomized Extensions of POUNDers for Faster Model Calibration
11:20	20	Youssef Marzouk	Algorithms and opportunities in Bayesian optimal experimental design
11:40	10	Chinmay Mishra	Toward a Hartree-Fock mass model from chiral EFT
12:00	20	Alessandro Lovato	Variational learning nuclear matter
12:20	10	Esmond Ng	Update
12:30	90	Lunch break	On your own
2:00	20	Kyle Godbey	Perspectives for Improving Nuclear DFT and its Implementation
2:20	20	Metin Aktulga	Porting A Scientific Code in Fortran to Heterogenous Architectures: A Case Study (in progress) with HFBFFT
2:40	20	Nobuo Hinohara	Reduced basis method for DFT linear response
3:00	20	Jonathan Engel	Pushing DFT linear response in the ab initio direction
3:20	5	Stefan Wild	AI/ML Opportunities
3:25		PHOTO, Coffee break	
3:55		Breakout meetings	Rooms 192, 260 are also available
5:30		Adjourn	

### Wednesday

Time		Presenter	Topic
9:00	20	Nicolas Schunck	TBA
9:20	20	Daniel Lay	Potential Energy Surface Emulation and Impact on Fission Trajectories
9:40	20	Eric Flynn	DFT Applications to Fission and Fusion
10:00	20	Tong Li	Microscopic calculations of the gamma strength function (tentative)
10:20		Coffee break	
10:50	20	Papenbrock	Summary
11:10	50	Breakout meetings	Rooms 192, 360 are also available
12:00		Adjourn	