For maps see https://tarheels.live/nuclei25/nuclei-2025-collaboration-meeting/hotel-information/
Att times are Eastern time
When presenting, share your slides via https://tennessee.zoom.us/j/87526015275

Wednesday June 4

9:15-10:00

9:15	Engel, Jon	Welcome / logistics
9:25	Papenbrock, Thomas	NUCLEI Overview
9:35	Wild, Stefan	ASCR Update
9:45	Furnstahl, Dick	website update
9:50	Hagen, Gaute (remote)	INCITE update

10:00-11:00   **Chair: Dick Furnstahl**

10:00	King, Garrett	Low-Energy Electron Scattering with QMC Using a Chiral Effective Field Theory Approach
10:15	Flores, Abraham	Quantum Monte Carlo and the Next Generation of Super-Computers or QMC Methods and GPUs
10:30	Rouson, Damian	nQMCC collaboration with Abe Flores
10:45	Ma, Yuanzhou	Multimodal Superfluidity in Nuclear Lattice EFT

11:00 Break

11:15-12:00   **Chair: Carol Woodward**

11:15	Hergert, Heiko	Update on IMSRG Developments
11:30	Heinz, Matthias	Ab Initio Overlap Integrals for mu to e Conversion
11:45	Djaerv, Tor	TBD

12:00-2:00	**Lunch**	

2:00-3:00	**Chair: Jon Engel**	
2:00	Balos, Cody (remote)	Updates on time integration in NUCLEI applications
2:15	Maris, Pieter	No-Core Configuration Interaction Calculation of Light Nuclei
2:30	Yang, Chao	Eigensolver for NCSM and linear response
2:45	Papenbrock, Thomas	Progress with coupled-cluster theory

3:00-3:45   **Breakouts**

3:45:-4:00   **Break**

4:00-4:45   **Breakouts**

AM and PM refreshments will be served after the meeting begins, while work is being performed and attendance is required during these times.

Thursday June 5

9:15-10:15	**Chair: Nicolas Schunck**	
9:15	Lee, Seyong (remote)	Directive-based high-level programming for heterogeneous, multi-node
9:30	Tews, Ingo	Surrogate Models for Auxilliary-Field Diffusion Monte Carlo
9:45	Marzouk, Youssef	TBD
10:00	Furnstahl, Dick	Model Space Extrapolation as a Discrepancy

10:15-10:30   **Break**

10:30-12:00   **Chair: Stefan Wild**

10:30	Yuchi, Henry	Robust Discrepancy Modeling for Nuclear Density Functional Theory Calculation
10:45	Sharma, Pranav	EFT for DFT: Variational Perturbation Theory for Effective Actions
11:00	Godbey, Kyle	Progress on HFBFFT and DFT Emulators
11:15	Schunck, Nicolas	TBD

11:45 **Photo**

12:00-2:00 **Lunch**

2:00-3:15 **Chair: Heiko Hergert**

2:00	Li, Tong (remote)	Large-Scale Calculations Over the Nuclear Chart for Electromagnetic Responses with the Skyrme Finite Amplitude Method
2:15	Saito, Yukiya	Application of Self-Consistent Nuclear Models to the r Process
2:30	O'Neal, Jared	Software/Math/CS progress at Argonne
2:45	Roh, Dong Min	TBD

3:00 Break

3:30-4:00 **Chair: Pieter Maris**

3:30	Menickelly, Matt	Updates from POptUS
3:45	Bjelcik, Antonio (remote)	Computing Total Kinetic and Excitation Energies of Fission Fragments in Time-Dependent Energy Density Functional Theory

Friday June 6

9:15-10:00 **Chair: Menickelly, Matt**

  9:15 Dai, Matthew   Two Body Currents in Beta Decay: Extension to Forbidden Decay
  9:30 Ravlic, Ante   Global Calculations of Weak Decay Rates

10:00-10:15 **Break**

  10:15 Papenbrock, Thomas   Summary

  10:45 Adjorn