

## Third UiO-MSU-ORNL-UT School on Topics in Nuclear Physics: The computational quantum many-body problem

Lecturer	Topic
Scott Bogner	Similarity renormalization group
Robert Harrison	Computational quantum chemistry
Raph Hix	Nuclear astrophysics
Jakub Kurzak	PLASMA & QUARK: Dynamic Multithreading in Numerical Computing
Dean Lee	Lattice simulations
Piotr Luszczek	Advanced parallelization for multicore and GPU processing for linear systems and eigenvalue calculations
Sofia Quaglioni	Resonating group method and the no-core shell model
Stan Tomov	MAGMA: Challenges and Approaches for Heterogeneous HPC

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00		Hix 1	Harrison 2	Hix 2	Harrison 3
9:45	Welcome				
10:00	Lee 1	Bogner 1	Coffee	Quaglioni 3	Kurzak
10:30			Quaglioni 2		
11:00	Coffee	Coffee		Coffee	Coffee
11:30	Tomov	Quaglioni 1	Lunch	Bogner 3	Hix 3
12:00					
12:30	Lunch	Lunch		Lunch	Lunch
13:00			Tour of Jaguar & Everest		
13:30					
14:00	Harrison 1	Lee 2		Lee 3	Discussion
14:30			Bogner 2		
15:00	Coffee	Coffee		Coffee	
15:30	Discussion	Discussion	Coffee	Discussion	
16:00			Luszczek		
16:30					
18:30				School Dinner	