

International Collaborations in Nuclear Theory:
Theory for open-shell nuclei near the limits of
stability

Scott K. Bogner (NSCL/Michigan State University), Morten
Hjorth-Jensen (NSCL/Michigan State University) and Jason D.
Holt (TRIUMF)

May 11-29, 2015, Michigan State University and FRIB/NSCL

Program first week May 11-15 2015

Time	Monday	
9.30am-10.30am	Andreas Ekstrom (ORNL/UTK) Constraining the Description of the Nuclear Interaction	Ta
10.30am-11am	Coffee break	
11am-12pm	Heiko Hergert (MSU) Effective interactions and operators from IM-SRG	Nuclear
12pm-2pm	Lunch	
2pm-3.30pm	Discussions	
3.30pm-4pm	Coffee break	
4pm-6pm	Discussions	

Program second week May 18-22 2015

Time	Monday	
9am-10am	Jimmy Rotureau (ORNL/MSU) Complex scaling	
10am-11am	George Papadimitriou (ISU) Structure and Reactions of nuclei using complex energy formalis	
11am-11.30am	Coffee break	
11.30am-12.30pm	Alexander Volya (FSU) Shell-model approach to nuclear clustering	
12.30pm-2pm	Lunch	
2pm-3.30pm	Discussions	
3.30pm-4pm	Coffee break	
4pm-6pm	Discussions	

Program third week May 25-29 2015

Time	Monday	
9.30am-10.30am	Luigi Coraggio (INFN, Naples) A new double-step procedure for the derivation of effective shell-n	
10.30am-11am	Coffee break	
11am-12pm	Toshio Suzuki (Tokyo) Evaluation of nuclear weak rates relevant to astrophysical	
12pm-2pm	Lunch	
2pm-3.30pm	Discussions	
3.30pm-4pm	Coffee break	
4pm-6pm	Discussions	