

INT Program INT-16-1 Week 4

Nuclear Physics from Lattice QCD

March 21 - May 27, 2016

*ALL TALKS WILL BE HELD IN THE SEMINAR ROOM, C421, &
ALL AFTERNOON DISCUSSIONS WILL BE HELD IN C-423*

Monday, April 11, 2016

11:30 AM "A Geometric Solution to the Sign Problem"
Neill Warrington, University of Maryland College Park

Tuesday, April 12, 2016

11:30 AM "Applying Twisted Boundary Conditions for Few-body Nuclear Systems"
Christopher Koerber, Forschungszentrum Juelich

4:30 PM Discussion Session

Wednesday, April 13, 2016

11:30 AM "Overview of the HAL QCD potential method and recent results"
Sinya Aoki, Kyoto University

4:30 PM "Quantum Monte Carlo Calculations of Light Nuclei with Chiral Interactions"
Joel Lynn, Technische Universitaet Darmstadt

5:00 PM Discussion Session

Thursday, April 14, 2016

11:30 AM "Infinite nuclear matter: a testing ground for chiral nucleon-nucleon force"
Luigi Coraggio, Istituto Nazionale di Fisica Nucleare

4:30 PM Discussion Session

Friday, April 15, 2016

11:30 AM "Effective theory of ^3H and ^3He "
Sebastian Koenig, The Ohio State University