

## **INT Program INT-16-1 Week 6**

### **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 25, 2016**

11:30 AM "Baryon Interactions from Lattice QCD with physical masses"  
Takumi Doi, RIKEN

#### **Tuesday, April 26, 2016**

11:30 AM "Toward a new effective interaction in energy density functional theory"  
Chiehjen Yang, IPN Orsay

4:30 PM Discussion Session

#### **Wednesday, April 27, 2016**

11:30 AM "Exotic Glue in nuclei? Double helicity flip gluonic operators in lattice QCD"  
Phiala Shanahan, Massachusetts Institute of Technology

4:30 PM Discussion Session

#### **Thursday, April 28, 2016**

11:30 AM "Electroweak structure of light nuclei"  
Saori Pastore, Argonne National Laboratory

4:30 PM Discussion Session

#### **Friday, April 29, 2016**

11:30 AM "Universal aspects of weakly bound two-neutron halo nuclei"  
Tobias Frederico, Inst Tecnológico Aeronautica