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# INSTITUTE for NUCLEAR THEORY

## 2013

March 25  
to April 19

### Computational and Theoretical Advances for Exotic Isotopes in the Medium Mass Region

C. Barbieri, S. Bogner, T. Duguet, G. Hagen

May 6  
to May 31

### Quantum Noise

A. Andreev, L. Glazman, D.B. Kaplan

June 24  
to August 2

### Advances in Quantum Monte Carlo Techniques for Non-Relativistic Many-Body Systems

F. Arias de Saavedra, J. Drut, J. DuBois, S. Gandolfi, F. Pederiva

July 1  
to July 19

### TALENT: Training in Advanced Low Energy Nuclear Theory

D. Furnstahl, M. Hjorth-Jensen, W. Nazarewicz, A. Schwenk

August 5  
to August 30

### Nuclei and Fundamental Symmetries: Theory Needs of Next-Decade Experiments

D. Gazit, W. Haxton, A. Schwenk, N. Tolich

September 23  
to November 15

### Quantitative Large Amplitude Shape Dynamics: Fission and Heavy Ion Fusion

A.N. Andreyev, G.F. Bertsch, W. Loveland, W. Nazarewicz

## 2014

March 10  
to May 16

### Universality in Few-Body Systems: Theoretical Challenges and New Directions

D. Blume, F. Ferlaino, C. Greene, H-W. Hammer, D. Phillips, S. Tan

June 30  
to August 1

### Binary Star Coalescence as a Fundamental Physics Laboratory

N. Anderson, S. Bose, S. Reddy, L. Rezzolla

July 28  
to August 29

### Nucleosynthesis and Chemical Evolution

W. Aoki, A. Arcones, J. Dalcanton, F. Montes, Y-Z. Qian

September 15  
to October 10

### Heavy Flavor and Electromagnetic Probes in Heavy Ion Collisions

A.D. Frawley, P. Petreczky, E. Scomparin, R. Vogt

