

# Institute for Nuclear Theory

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## 2012 PROGRAMS

### Gauge field dynamics in and out of equilibrium

G. Aarts, M. Laine, G. Moore  
march 5 – april 13

### Core-collapse supernovae: models and observable signals

C. Cardall, T. Janka, J. Lattimer, J. Murphy  
june 25 – july 27

### Lattice QCD studies of excited resonances and multi-hadron systems

S. Beane, C. Morningstar  
july 30 – august 31

### Summer School on lattice QCD for nuclear physics

H-W. Lin, H. Meyer, D. Richards  
august 6 – august 24

### Light nuclei from first principles

N. Barnea, D. Lee, L. Platter  
september 17 – november 16

## 2013 PROGRAMS

### Computational and theoretical advances for exotic isotopes in the medium mass region

C. Barbieri, T. Duguet, G. Hagen, S. Bogner  
march 25 – april 19

### Quantum Noise

A. Andreev, L. Glazman, A. Imambekov, D. Kaplan  
may 6 – may 31

### Advances in Quantum Monte Carlo techniques for non-relativistic many-body systems

F. Pederiva, F. Arias de Saavedra, J. Drut, J. DuBois, S. Gandolfi  
june 24 – august 2

### Nuclei and fundamental symmetries:

#### Theory needs of next-decade experiments

D. Gazit, W. Haxton, A. Schwenk, N. Tolich  
august 5 – august 30

### Quantitative large amplitude shape dynamics:

#### Fission and heavy ion fusion

G. F. Bertsch, W. Nazarewicz, A. N. Andreyev, W. Loveland  
september 23 – november 15

Photo by Cord Rodefeld: <http://tinyurl.com/rodefeld>