

SPECIAL SYMMETRIES IN NUCLEAR PHYSICS

Prof. Jerry Draayer
Louisiana State University
Wednesday, December 7, 2011
4:00 P.M. NSH 118
(Refreshments at 3:30 P.M. NSH 202)

Our understanding of the structure of atomic nuclei continues to evolve, enlightened over the past decade by first principles (*ab initio*) studies that explore the nature of the strong interaction and how it manifests itself in the many-body physics that determines the structure of nuclei, both light and heavy. We will show how symmetries (exact and partial), along with advanced computational capabilities, play a key role in enabling an ever-clearer appreciation for key factors which underpin the co-existence of simplicity and complexity in the inherently strongly-interacting, few-body systems that populate the chart of the nuclides.

Colloquium

All interested persons are cordially invited to attend.