

Summer School on Nuclear and Particle Astrophysics



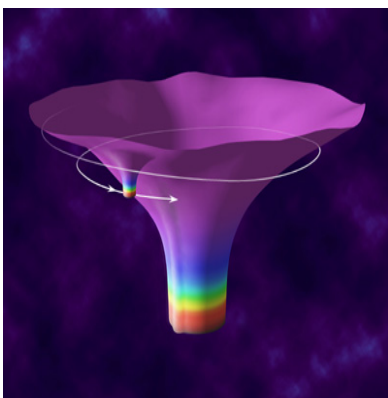
"Connecting Quarks to the Cosmos"

**University of Washington
Seattle, WA
June 29 - July 10, 2009**



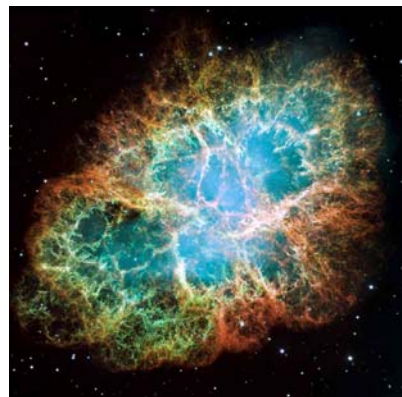
Please apply online: <http://www.int.washington.edu/PROGRAMS/09-2a/>
by May 1, 2009.

Early applications encouraged. Support available to cover local participant costs.



Courtesy California Institute of Technology

Intended for advanced graduate students and beginning postdocs interested in nuclear/particle astrophysics and cosmology



Courtesy NASA/Hubble Space Telescope

Themes and Lecturers

Cosmology and the Early Universe: Inflationary Cosmology, Dark Matter and Energy, Particles and Dimensions

Michael Turner, Chicago

David Schlegel, LBNL

Lisa Randall, Harvard

Leslie Rosenberg, Washington

The End of the Dark Ages: The First Stars and Galaxies

Tom Abel, Stanford

Miguel Morales, Washington

Cosmic Explosions, Compact Objects, and Nucleosynthesis

Tony Mezzacappa, ORNL

James Lattimer, Stony Brook

George Fuller, UC San Diego

High Energy Astrophysics: Cosmic Accelerators, the GZK Cutoff, Auger and IceCube

Tom Gaisser, Bartol

Francis Halzen, Wisconsin

Gravity: Waves, Holography, and Black Holes

Craig Hogan, FermiLab/Chicago

Joan Centrella, NASA Goddard

Neutrino Physics and Astrophysics

Wick Haxton, Washington

Hamish Robertson, Washington