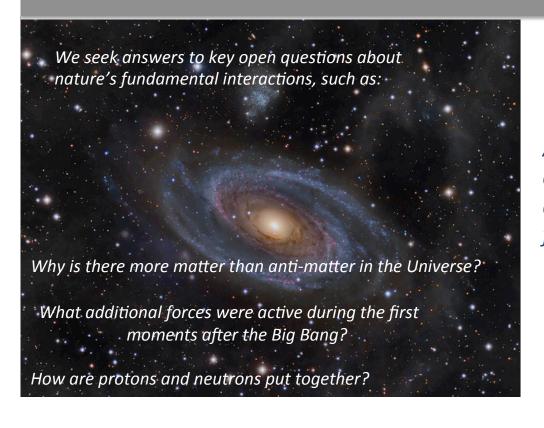


### Welcome to the ACFI!



# AMHERST CENTER FOR FUNDAMENTAL INTERACTIONS

Physics at the interface: Energy, Intensity, and Cosmic frontiers
University of Massachusetts Amherst



#### **Our mission:**

Advancing research in theoretical and experimental physics at the interface of the Energy, Intensity, and Cosmic frontiers.

http://www.physics.umass.edu/acfi/



### **Activities**

- Core Research: ATLAS, EXO, J Lab parity & chiral, LIGO, RHIC Spin, Borexino, Theory
- Targeted Workshops: Hadronic Probes, Lambda & Quasi Lambda, Higgs Portal,...
- **Visiting Researchers:** Ph.D. students (Australia, China), post-docs, faculty & senior researchers



### **Past Workshops**

**Hadronic Probes of Fundamental Symmetries** 

Joint ACFI-Jefferson Lab Workshop

March 6-8, 2014 U Mass Amherst



# **Upcoming Workshops**

Lambda and Quasi-Lambda

**ACFI Workshop** 

April 10-12, 2014 U Mass Amherst



# **Upcoming Workshops**

**Unlocking the Higgs Portal** 

**ACFI Workshop** 

May 1-3, 2014 U Mass Amherst



# **Upcoming Workshops**

**Measuring the Neutron Lifetime** 

**ACFI Workshop** 

September 19-21, 2014 U Mass Amherst



## **Workshops Logistics**

- Wireless Network: UMASS (usr & pw in packet)
- Lunches on Campus: Campus Center or Worcester
   Dining Commons (~ 5 minutes walk)
- Dinners: Thursday in Amherst Center, Friday
   Workshop Dinner @ Kastor-Traschen Home
- Schedule
- People: students, post-docs, staff