



ARUNA-

Association for Research at University Nuclear Accelerators

An Association of
Florida State University Accelerator Lab
Ohio University Accelerator Lab
Texas A&M Cyclotron Lab
TUNL Triangle Universities Nuclear Lab
Union College Accelerator Lab
University of Kentucky, Accelerator Lab
University of Mass. (Lowell), Radiation Lab
University of Notre Dame, ISNAP
University of Washington, CENPA
(University of Western Michigan)

- An Organization of the users
at these non-user labs.
today: 176 registered users
- <http://aruna.physics.fsu.edu>



The Purpose of this Workshop

- Provide a **coherent picture** of our mission and our accomplishments.
- Activities:
 - 10/2011 Founded at DNP fall meeting in East Lansing, Mi
 - 9/2012 Presentation to the NSAC subcommittee on the implementation of the long-range plan “Tribble committee”
- Participation in **LE Community Meetings**
- Future: **2015 Exotic Beam Summer School** (Tallahassee, Florida)
- Prepare a white-paper representing ARUNA to the Long Range Plan process
- Document and enhance the scientific, educational and community impact of the ARUNA-labs



Bottom-Line Focus Points

1. Small facilities do **first rate science**.
2. Small facilities provide unique opportunities for **new developments** and testing that is not possible at big facilities.
3. Small facilities attract students at a much higher rate than national laboratories and help **compete for talent** at the universities.
4. Small facilities are flagships for universities and generate a lot of leverage support.
5. Scientists from small university facilities are a major part of the user community of large facilities.
6. Scientists from small university facilities are an intellectual resource, if not a motor for the field.



The Program

- A) Operations, Capabilities and Future Plans of ARUNA laboratories
- B) Outreach, Education and Workforce development, Convener: S. Yennello
- C) Fundamental Symmetries, Convener: Alejandro Garcia
- D) Nuclear Astrophysics, Convener: Carl Brune
- E) Nuclear Structure and Reactions, Convener: Ingo Wiedenhoever
- F) Applications Conveners: Manoel Couder, Graham Peaslee
- G) Conclude