



# Quarknet Summer Program for High School Students and Teachers

Spend two weeks this summer  
learning about particle physics  
at Wayne State University



**QuarkNet is a network of dedicated particle physicists and high school teachers, providing high school students entering grades 10-12 with first-hand experience in science, involving them in aspects of research and development and providing opportunities to interact with real-life scientists. Activities for summer 2013 include construction and operation of cosmic ray detectors and analysis of detector event displays from the CERN laboratory in Geneva, Switzerland.**

# QuarkNet

## Program Information

### Work Shop Dates

- Session 1
  - June 21, 24 – 28
  - July 1 – 3, 5
- Session 2
  - July 15 – July 19
  - July 22 – July 26
- Session 3
  - July 29 – August 2
  - August 5 – August 9

### Stipends

For students: \$600 for a two-week session  
For teachers: details upon request

### QuarkNet Staff at Wayne State:

Lead Teacher : Mike Niedballa  
Professors : Robert Harr, Paul Karchin, Gil Paz, Ed Cackett

### Workshop Location and Hours

All activities take place on the Wayne State Campus on weekdays between 9 am and 5 pm. Students are responsible for transportation to campus.

### Teacher Application

Interested teachers should send e-mail to [robert.harr@wayne.edu](mailto:robert.harr@wayne.edu)

### Student Application

Please supply all the requested information in the Google form:

<http://tinyurl.com/bla3goa> or go to the physics department web page <http://physics.clas.wayne.edu/outreach/quarknet.php>.

You will need a teacher to write a recommendation. (Ask the teacher to send the recommendation to [robert.harr@wayne.edu](mailto:robert.harr@wayne.edu) with the subject QuarkNet Letter of Recommendation.) Due date for applications is May 20, 2013. We will start sending decisions by May 31.

Questions? Use the e-mail address above