



# 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 in 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 2011 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 24, 27 – July 1
  - July 5 – July 8
- Session 2
  - July 11 – July 15
  - July 18 – July 22
- Session 3
  - July 25 – July 29
  - August 1 – August 5

### Stipends

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

### QuarkNet Staff at Wayne State:

Lead Teachers : Mike Niedballa  
Professors : Robert Harr and Paul Karchin

### 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.

### How to Apply

Send the following information by e-mail to [robert.harr@wayne.edu](mailto:robert.harr@wayne.edu)

### Student Application

Name, date of birth, high school, first, second and third choice of session (use session number), name and e-mail address of teacher who will be sending a recommendation. (Ask the teacher to send the recommendation to the e-mail address above.)

### Teacher Application

Name, high school, and subjects taught, session preferences

Questions? Use the e-mail address above