

Friday Flyer

Hello Mentors and Teachers!

CENTER SPOTLIGHT: University of Kansas - <http://www2.ku.edu/~kuhep/outreach.shtml>

Contact Phil Baringer, Dave Bessom or Alice Bean to learn how they handle the unique challenges of a rural center.

One of our more rural centers, the University of Kansas joined QuarkNet in 2001. QuarkNet supports teachers to attend meetings in quite a few centers in rural locations. Some QuarkNet teachers must travel over 100 miles one way to get to their centers. KU hosts an average of six teachers each summer. Participants have taken field trips to Fermilab and the Wolf Creek Nuclear Power Plant. KU also has a very healthy student research program averaging 12 students each year. KU spreads the student stipends over a larger number of students for less than six weeks. Department funds support some students who are incoming undergrads. Several students have continued to work on research projects years after their internship. Two former QuarkNet students are currently working on projects at the Paul Scherrer Institute in Switzerland.

Particle Physics Experiment Roundup

Underground Search for Neutrino Properties Unveils First Results

<http://www.interactions.org/cms/?pid=1031782>

"Menlo Park, Calif. -- Scientists studying neutrinos have found with the highest degree of sensitivity yet that these mysterious particles behave like other elementary particles at the quantum level. The results shed light on the mass and other properties of the neutrino and prove the effectiveness of a new instrument that will yield even greater discoveries in this area." (From [Interactions.org](http://www.interactions.org))

LHC Webpage for teachers and students

<http://www.uslhc.us/>

This website is a great source of information written specifically for high schoolers. Ken Cecire selects and describes the Event of the Week.

http://www.uslhc.us/Teachers_and_Students/Event_of_the_Week_Archives

Fermilab News

Fermilab experiment announces world's best measurement of key property of Neutrinos

<http://www.interactions.org/cms/?pid=1031783>

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