Science Express will host an abbreviated new teacher workshop on January 16th, 8:30-3:00 at Purdue. There is no fee for the workshop, but to attend you need to be a high school science teacher at a school we currently serve. You also need to register by January 8th. The online registration can be found here: [https://forms.gle/k3Ju2kog8sbMVk6m7](https://forms.gle/k3Ju2kog8sbMVk6m7)

This workshop will cover Science Express procedures and Vernier equipment training. We look forward to working some new teachers!

For questions or more information please contact Zach Grigsby at zgrigsby@purdue.edu

### Physics and Chemistry teachers:

Bring your students to QuarkNet MasterClass. Explore authentic data from CERN high energy particle experiments, sub-proton interactions, and foundations of matter. Teacher orientation is February 15, 9:00-3:00; and student MasterClass is March 19, 9:00-4:00. Learn more about QuarkNet and MasterClass at: [http://www.physics.purdue.edu/outreach/quarknet/index.html](http://www.physics.purdue.edu/outreach/quarknet/index.html) or email Marla Glover at mjglover@purdue.edu.

### Upcoming Events

- 1/11 – Saturday Morning Astrophysics (Impact Craters Near and Far)
- 1/16 – New Teacher Workshop @Purdue 8:30-3:00
- 2/8 - Saturday Morning Astrophysics (Kepler’s Laws and Planetary Motion)
- 2/9-11 – HASTI @Wyndham Indianapolis West
- 2/15 – QuarkNet Teacher orientation
- 3/7 - Saturday Morning Astrophysics (How Long Ago, How Far Away)
- 3/19 – QuarkNet Student MasterClass
- 4/11 - Saturday Morning Astrophysics (Radio Astronomy)

### Happenings

- All ICP kits are now available for use. The Exploring Atoms, Exploring Light, and Investigating Forces kits have tutorial videos on our [website](http://www.physics.purdue.edu/outreach/quarknet/index.html) and YouTube channel. The Investigating Energy kit is available too, and we should have a tutorial video available for it shortly. These kits were made possible by a grant from Duke Energy and the hard work of four great science teachers: Cheryl Meyer, Nick Friedman, Tucker McCord, and Christian Horner.
- December was a shortened month for Science Express. We had 1142 student/instrument interactions. We made 32 school visits to 16 teachers in 10 schools.