

The Department of Physics at the University of Illinois at Urbana-Champaign is offering the following 3-day workshop to middle school science teachers

TeCLabs, June 18-20

The workshop takes place in the Physics Department on the Urbana-Champaign campus. The days of the workshop starts at 9 AM and ends at 4 PM with a lunch break at 12-1. Lunches are provided by the workshop. Participants receive a stipend of \$100 per day and get their mileage reimbursed. UIUC is an ISBE certified Professional Development provider, and participants will receive PH hours for attending the workshop.

In the workshop, middle school science teachers are given the opportunity to collaborate on developing lab activities that are aligned with NGSS. At the end of the workshop, all teachers will have at least one new lab activity ready to go for the upcoming school year. The participants will be introduced to new technology in the form of the IOLab (see www.iolab.science), a multi-sensor tool, and integrate the IOLab in the lab activities that they design. Participants will get an IOLab to keep so that they can continue exploring the tool after the workshop.

For the implementation of the lab activities during the school year, the workshop will provide a class set of IOLabs and assistance from UIUC as needed.

The workshop is part of the outreach component of Professor Liang Yang's National Science Foundation grant "Maximize the science output of EXO-200." Professor Yang's is a co-spokesman for the Enriched Xenon Observatory (EXO) project, in which neutrino emission in the decay of Xenon-136 is studied. The workshop is organized by Dr. Morten Lundsgaard, Coordinator of Physics Teacher Development at the Physics Department.

To register for the workshop or to inquire for more information, please contact

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