

Catching the Sun: Physical and chemical investigations of materials for solar power

Presented by:

Dr. John Asbury and Kyle Munson, Department of Chemistry, Penn State

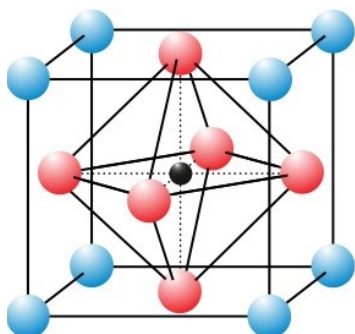
Matt Johnson, CSATS

June 2, 2017 (9:00 am – 3:00 pm)

301D Huck Life Sciences Building

University Park, PA

Solar power is a renewable energy that relies on materials that convert energy from the sun into electric current. This workshop will use the research of John Asbury's lab at Penn State to explore some of the challenges of solar materials to help teachers engage their students in investigations about chemistry concepts such as bonding, periodicity, and the relationships between structure and function in materials. Participants will also investigate physical phenomena related to the photoelectric effect, circuits, and power. Techniques will be presented in ways that are easily understandable, transferable to students, and linked to the PA State Science Standards and the Next Generation Science Standards.



**This workshop is FREE to all educators.
Act 48 credit (5 hours) available at no cost**

A continental breakfast and lunch are provided by the Center for Science and the Schools (CSATS).
Register on-line now to reserve a spot.

Sponsored by NSF grant 1464735 &
The Center for Science and the Schools
182 Chambers Building, University Park, PA 16802

To register visit: <http://www.csats.psu.edu/overview-of-csats-programs/academic-year-workshops/isteam-workshops>

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