

**The Global Nuclear Energy Partnership and the Role of Fast Reactors
A Workshop at the 2008 ANS Student Conference**

Thursday, February 28, 1:00 – 5:00 p.m.

Argonne National Laboratory has performed cutting-edge fast reactor research for over 50 years and continues that tradition today with numerous programs, including work advancing the Global Nuclear Energy Partnership. Our expertise covers all phases of fast reactor research, and we will be sharing that expertise with the participants in this workshop.

What the workshop will cover:

This workshop will consist of series of focused-topic sessions featuring lectures and discussions led by prominent Argonne fast reactor researchers, providing workshop participants an opportunity to develop a basic understanding of fast reactors and their role in the nuclear power industry in the 21st century. The workshop material will be appropriate for both undergraduate and graduate students. Questions and discussion are welcomed and encouraged.

Quick facts about the workshop:

- The workshop is free and open to all student registrants, but there is a limit of 100 participants.
- Register for the workshop when you register for the conference. If you have already registered and would like to attend, please contact us at the address below.
- Lunch will be provided with the workshop
- Participants are welcome to attend only one or all of the sessions.
- A CD of the workshop presentations will be given to all workshop participants.

Planned workshop agenda:

- 1:00 Introduction
- 1:10 Fast reactor physics
- 1:45 Fast reactor safety
- 2:15 Break
- 2:30 Advanced fast reactor simulations
- 3:05 Benefits of fast reactors to radioactive waste repositories
- 3:35 Break
- 3:50 Spent fuel reprocessing
- 4:25 Fast reactors and resources – world nuclear energy scenarios
- 4:55 Wrap-up

For questions about the workshop,
contact neoutreach@anl.gov.

