

ATR NSUF Education Programs

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Education Programs, ATR NSUF

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Education Programs

Current and future ATR-NSUF education programs:

- User Week (first of June)
 - Fuels and materials performance courses
 - Experimenter course
 - New user workshop
 - NSUF Research Forum
 - Facility tours
 - Instrumentation course



- Libraries of key technical information
- Technical workshops as a result of experiment data
- New scientific documentation (e.g., textbook on reactor testing)

Education Programs continued

- Faculty, post-doc, and student intern programs
 - Undergrad and Graduate internships
 - Faculty/Staff exchanges
 - Post-Doc's (2010-2011)
 - Faculty and student teams
- Workshops or meetings at key technical gatherings or universities to increase general understanding of ATR-NSUF
 - ANS (Fall/Spring/Student ANS)
 - TMS (Winter)
 - University Visits: MIT, NCSU, Ohio State, Oregon State, New Mexico, TAMU, Iowa State, Penn State, Michigan, Berkeley, Illinois, CSM, Missouri, Drexel, Georgia Tech, UCSB, Purdue, RPI, UT-Arlington, UVA, Pitt, Florida, USU



New Ed Programs

New User Experiment Experiment

- Involve multiple universities in a simple experiment focused on introducing faculty and students to radiation materials science using a test reactor.
- Research Areas
 - IASCC
 - Radiation Resistant Alloys
 - Radiation Resistant Ceramics
 - Advanced Fuel Analogs
- Call within the general call for proposals
- Simple capsule in a defined position



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