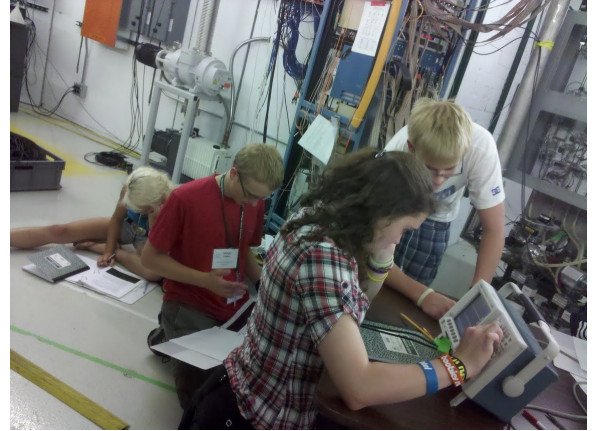


Physics of Atomic Nuclei 2011 @ MSU

The 18th annual Physics of Atomic Nuclei (PAN) program took place in August, 2011. 44 teachers and students traveled from around North America to get a week-long primer on nuclear science. Lectures by JINA faculty featured the motivations and methods of nuclear theory, experimentation, and astrophysics. The highlight of the program was a three-day experiment using the Modular Neutron Array (MoNA) to identify the speed and incident angle of muons arriving at the earth's surface. The teachers left with the tools, knowledge, and confidence necessary to teach nuclear astrophysics in their own classrooms, while students had a clearer idea of what careers in scientific research are like. Both weeks ended with a poster presentation highlighting the MoNA experiments.



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