

Great Facilities Attract Great Minds to Solve Scientific Problems

Argonne National Laboratory designs, builds and operates national scientific user facilities for the benefit of researchers from industry, academia and government laboratories. These one-of-a-kind facilities attract great minds from all over the nation to solve the society's complex scientific problems.

Argonne operates three major national user facilities for the U.S. Department of Energy's Office of Basic Energy Sciences:

- The **Advanced Photon Source (APS)** is the Western Hemisphere's most powerful source of X-rays for research. More than 3,000 users from industry, academia and government laboratories around the world use the APS each year for research in materials science, chemistry, biology, physics, earth and planetary science, and environmental science.
- The **Center for Nanoscale Materials (CNM)** is one of five DOE Nanoscale Science Research Centers. A joint partnership between DOE and the State of Illinois, the CNM is used by scientists from all over the nation for basic research that will help drive the coming revolution in nanomaterials.
- The **Argonne Tandem-Linac Accelerator Facility (ATLAS)** is a world-renowned center for cutting-edge research in nuclear physics. The world's first superconducting linear accelerator for heavy ions, ATLAS attracts more than 150 physicists annually from around the world to conduct research on the forces that hold atomic nuclei together. Each year, two or three times as many experiments are proposed as can be accommodated.



Advanced Photon Source



Center for Nanoscale Materials

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