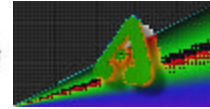


Central Web Registration for All DOE/BES National User Facilities at Argonne National Laboratory

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Abstract

The planned siting of the Center for Nanoscale Materials at Argonne National Laboratory (ANL) provided the impetus for a proposal to facilitate access for all ANL's Department of Energy/Basic Energy Sciences (DOE/BES) national user facilities: Advanced Photon Source, Center for Nanoscale Materials, Electron Microscopy Center, and Intense Pulsed Neutron Source. A working group consisting of representatives of these facilities, the ANL Foreign Visits and Assignments Office, and the ANL Office of the Director proposed the creation of a uniform Web registration process, coupled with the creation of a central user database-the User Data Warehouse (DW). A prospective user will be able to register electronically through the ANL Central User Interface for access to any or all of the user facilities for a single or multiple visits. Once a user's information has been validated and placed in the DW, it will be electronically transferred to the ANL Human Resources database and the ANL Foreign Visits and Assignment system, if applicable. Each facility will be able to access and download information from the DW for further facility-specific manipulation and reporting purposes. All users will receive ANL badge numbers; user training will be recorded in ANL's Training Management System. The prototype system should be operational by October 1, 2003.



Argonne and User Facility Access via Oracle-based Web Registration Process:

- Single Web access point for all DOE-BES user facilities at Argonne (APS, CNM, EMC, IPNS)
- Allows requests for single or multiple facilities in the same or different visits.
- Satisfies security requirements for non-U.S. citizen users.
- Includes facility-specific information.
- System specifications developed collaboratively by all facilities.
- Registration site to be available from Argonne home Web page and individual facility home pages.
- System operation to begin October 1, 2003.

Web Registration Process:

- User completes Web registration form, submits it, and receives confirmation of submission.
- User record moves to "holding pen" for review by Central User Administrator (CUA).
- After review/validation, CUA submits record to User Data Warehouse (DW).
- Requested facilities notified by automatic e-mail of a new record in the DW.
- For non-U.S. citizen users, facilities add host and required security information to FAVOR for Argonne processing and upload to DOE FACTS system.
- User notified by each requested facility of future steps (i.e., proposal submission, orientation dates, etc.)

