

Getting Started with EPICS

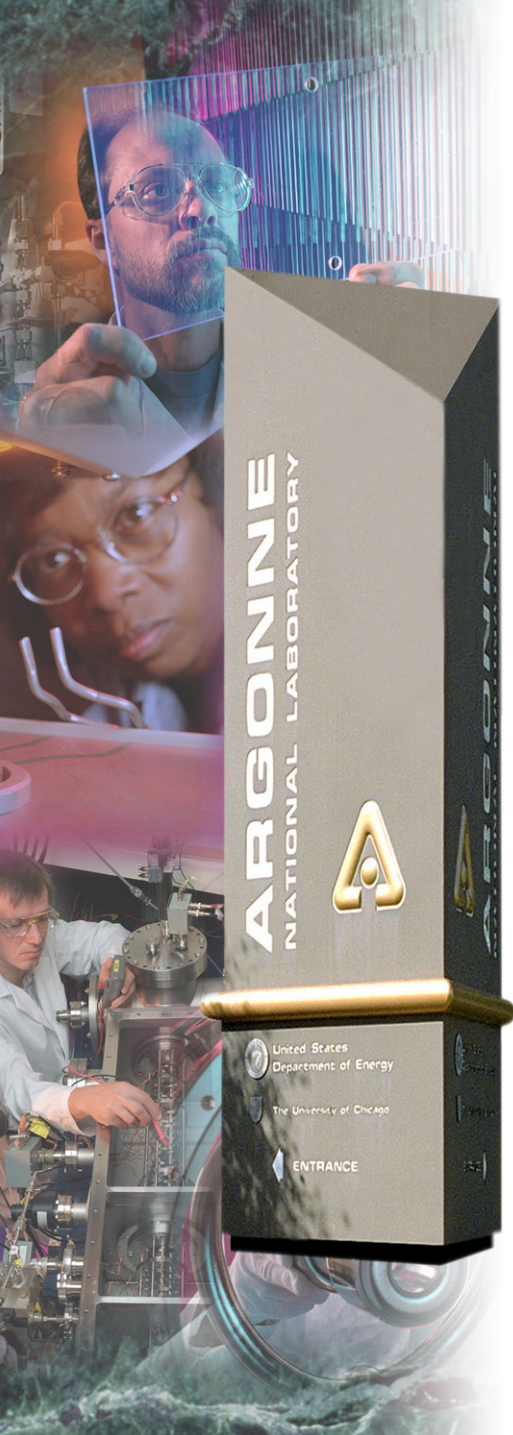
A Lecture Series coordinated by:

*AOD BCDA
ASD Controls*

Argonne National Laboratory



*A U.S. Department of Energy
Office of Science Laboratory
Operated by The University of Chicago*



Format of Lecture Series

- **A series of lectures once or twice per week with one or two topics covered each time (2-4 topics per week)**
- **The current schedule/agenda is available on the web**
 - Check it often, we are expecting a very dynamic schedule
- **Topics will be grouped into five general categories representing different aspects of working with an EPICS control system.**
- **Individuals are welcome to attend as many sessions as their interest, work schedule and supervisor permit.**

A Sample of Topics ...

- **Introduction to EPICS**
 - What is EPICS? What are the lectures about?
- **Getting Started with Using EPICS Tools**
 - MEDM, Alarm Handler, OAG Toolkit, Channel Archiver, etc.
- **Getting Started with Developing EPICS Tools**
 - Tcl/Tk, Perl, IDL, JAVA, Python, CA server Applications
- **Getting Started with Input/Output Controllers (IOCs)**
 - EPICS Databases, vdct, State Notation Language, record and device support, etc.
- **Applications/Special Topics**
 - synApps, motors, scans, data visualization, etc.

Current Plans: www.aps.anl.gov/aod/bcda/epicsgettingstarted/index.htm

- **8/16/04; 2:00 – 4:30 PM; Auditorium**
 - An Introduction to EPICS

- **8/17/04; 2:00 – 4:30 PM; Auditorium**
 - Overview of Client Tools
 - MEDM

- **8/23/04; 2:00 – 4:30 PM; Auditorium**
 - Alarm Handler
 - OAG Tools

- **8/24/04; 2:00 – 4:30 PM; Auditorium**
 - Channel Archiver & Viewer
 - Remote Access

- **8/27/04 - APS Shutdown**

A Sample of Topics ...

- August
 - **Introduction to EPICS**
 - What is EPICS? What are the lectures about?
 - **Getting Started with Using EPICS Tools**
 - MEDM, Alarm Handler, OAG Toolkit, Channel Archiver, etc.
- Sept
 - **Getting Started with Developing EPICS Tools**
 - Tcl/Tk, Perl, IDL, JAVA, Python, CA server Applications
- Oct/Nov
 - **Getting Started with Input/Output Controllers (IOCs)**
 - EPICS Databases, vdct, State Notation Language, record and device support, etc.
- Nov ...
 - **Applications/Special Topics**
 - synApps, motors, scans, data visualization, etc.

Other Items of Interest

- **The <first few> lectures will be recorded and available for playback via the web (PowerPoint slides synchronized with streaming video).**
- **Copies of the PowerPoint slides will be available from the web page prior to the lectures. Attendees are responsible for printing out their own copy.**

Your Comments are Welcome

- **Forward constructive comments to:**
 - Ned Arnold - nda@aps.anl.gov
 - John Maclean - jfm@aps.anl.gov

- **Other comments to:**
 - [Oo0__!#\\$%^&^#^\\$\(\(\(\)\)\)328jJsw@yahoo.com](mailto:Oo0__!#$%^&^#^$((()))328jJsw@yahoo.com)

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