

icalepcs 2001

International Conference on Accelerator & Large Experimental Physics Control Systems

Fairmont Hotel, November 27-30, 2001
San Jose, California

Abstract Deadline: April 20, 2001

Organized by Stanford Linear Accelerator Center (SLAC).

Co-organized by Stanford University / EPCS, European Physical Society Interdivisional Group on Experimental Physics Control Systems.

In cooperation with EPS, European Physical Society / IEEE Nuclear and Plasma Sciences Society / APS, American Physical Society / IFIP, International Federation for Information Processing.

Online Information: <http://icalepcs2001.slac.stanford.edu>

For General and Industrial Exhibit Information:

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ICALEPCS 2001 will cover the fields of control and operation of particle accelerators, detectors, telescopes, fusion devices, nuclear reactors and other large experimental facilities. Both hardware and software aspects of control systems will be addressed. Emphasis will be on the following topics:

- Development Methods and Tools [Project Engineering and Management • Software and Hardware Methodologies]
- Process Tuning, Automation and Feedback Systems
- Connectivity [Networks • SAN • Configuration Management • Databases • Middleware • Distributed Objects • CORBA • OPC]
- Integrating Conventional Control in Experimental Facilities
- Emerging Technologies [Novel Packaging Ideas Beyond Crates • Emerging Fieldbusses and Real Time Operating Systems]
- Software Technologies [Object Oriented Technologies • Distributed Computing Software • Java • XML]
- Hardware Technologies
- Status Reports

The Conference program will consist of invited and contributed talks, poster sessions, seminars, round-table discussions, industrial presentations, tutorials and post-conference workshops. Other conference activities will include tours of SLAC and LBNL as well as an Industrial Exhibition reflecting Silicon Valley's relevant technologies.



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