

## **HIRFL CONTROL SYSTEM UPGRADE**

X.M. Huang, Hirfl/Imp

A centralized control system had been used in HIRFL for some years. It was only used to control SSC power supplies and used a VAX/8350 computer as center control machine. The new HIRFL control system is a distributed one based on the high grade PC, workstation and server. The system consists of the SFC control and beam diagnosis station, SSC power control station, SSC beam diagnosis station, SSC vacuum station and RF control station. Each control station is an independent subsystem and a high-speed network is used to communicate between control stations. The control system upgrading, including hardware upgrading and applications rewriting, is described in this paper