

**The DAFNE Control System Status and Performance,** G. DI PIRRO, G. MAZZITELLI, C. MILARDI, A. STECCHI, INFN-LNF - The Control System for DAFNE, the e<sup>+</sup>/e<sup>-</sup> Phi-Factory at the National Laboratory of Frascati of INFN, is completely based on personal computers. The choice of commercial software such as LabVIEW at any level and the development of specific hardware, based on Macintosh boards in a VME environment, succeeded in the development of a Control System suitable for the machine operation. The Graphical User Interface provides both friendly interaction with single machine elements and complex accelerator oriented procedures. The machine devices are driven by many distributed CPUs. A shared memory instead of network permits fast, easy, and high bandwidth communications. The Control System allowed the step by step commissioning of the major DAFNE subsystem as they were installed, proving to be modular and extensible. A system overview including installation status, features, performances and operation results is presented.