

Project of Control System of SILUND-21 Accelerator, G.V. DOLBILOV, A.A. FATEEV, N.I. LEBEDEV, V.A. PETROV, JINR (DUBNA) - The paper presents project of control system for SILUND-21 linear induction accelerator (energy up to 10 MeV, peak current 1 kA, pulse duration 50-70 ns, repetition rate up to 50 pps) which is under construction at JINR. Proposed control system is a UNIX-based workstation with distributed i interface on the VME standard. Three VME crates are used in order to control the following subsystems: crate for synchronization system, c rate for the modulators and crate for the beam diagnostic system.