

The New Timing System for the ELETTRA LINAC,

M. FERIANIS, M. BOSSI, A. CARNIEL,

R. DE MONTE, F. PETTARIN, G. SURACE,

M. MILLOCH, G. D'AURIA, Sincrotrone Trieste -

Embedded in the new control system under design for the ELETTRA linac, is a new timing system, which provides a set of delayed trigger pulses for every power plant of the linac. Special attention had to be devoted to the stability of these trigger pulses, achieved by a set of new delay boards which were developed in house. Furthermore the new software, for both the low level processes and the user interface, will greatly contribute to a fast and reliable operation.