

**New Transverse Feedback Kicker System in the Positron Intensity Accumulator (PIA) Ring,**  
J. RUEMLER, Deutsches Elektronen Synchrotron (DESY) 22603 Hamburg - Kickers for transverse feedback systems operate in the PETRA, DORIS and the HERA electron and proton storage ring. Now we installed a new system in PIA. A beam position signal which is processed electronically drives the two kickers via one amplifier each (1 kW). This report shows the kicker system, the design and the amplifier data. Ferrites in the kicker are used to guide the magnetic field. The kicker is designed for a characteristic impedance of  $50 \Omega$ , to achieve a broad band device over a frequency range of 0.3- 10 Mhz.