

Beam Stability in MAX II, P. RÖJSEL, MAX-LAB -

The beam position stability in the MAX-lab storage rings have been investigated. The influence of the mechanical girder and vacuum system designs are discussed. The BPM systems performance on the observed stability is discussed as well as the importance of a reliable BPM system. Results from measurements performed with the QSBPM system on the MAX-lab storage rings are presented as well as design features and improvements to enhance the beam stability.