

**Measurement of the Collision Offsets and Vertical Dispersion at the LEP Interaction Points**, M. BÖGE, B. DEHNING, M. LAMONT, M. PLACIDI, P. PUZO, J. WENNINGER, CERN, Geneva, A. BLONDEL, Ecole Polytechnique, Paris, France; A. DREES, University of Wuppertal, Germany; J. YAMARTINO, University of Wisconsin, Madison - At LEP the beams are vertically separated in some parts of the ring to avoid unwanted encounters. Residual non closure of the electrostatic orbit bumps and a non vanishing beam dispersion due to the bump configuration can lead to an energy shift of several MeV in the CM. Therefore frequent adjustments of the optimal beam beam separation are required. The separation is measured by observing the change in the Bhabha rate during the variation of the electrostatic bump amplitude. Difference in dispersion is measured by executing the separation measurements at two different beam energies. Data from approximately 1000 separation scans are presented.