Beam Tails in LEP, <u>H. BURKHARDT</u>, K. CORNELIS, G. V.HOLTEY, I. REICHEL, H. SCHMICKLER, CERN - Beam tails have been measured in LEP using scraping collimators and loss monitors for separated and colliding beams. Significant non-gaussian beam tails have been observed with colliding beams for high beam-beam tuneshift parameters and bunch currents.