Concept of Round Colliding Beams, The V.V. DANILOV, P.M. IVANOV, I.A. KOOP, I.N. NESTERENKO, E.A. PEREVEDENTSEV, Yu.M. SHATUNOV, A.N. SKRINSKY, Budker Institute of Nuclear Physics - This paper presents the theoretical view and summary of simulation results on using round beams for increasing the luminosity in e⁺e⁻ colliders. Some other effects important for high luminosity colliders are discussed. These effects are related with particle's energy change in the fields of opposite beam. The interesting consequence of longitudinal kick from opposite beam - a dependence of beam-beam effects on sign of momentum compaction factor - is discussed.