



Contribution ID : 52

Type : **Oral talk**

Associated quarkonia production in a single boson e^+e^- annihilation

Thursday, 1 December 2022 11:15 (15)

The production cross sections of charmonia, charmonium-bottomonium and bottomonia pairs in a single boson electron-positron annihilation have been studied in a wide range of energies, which will be achieved at future e^+e^- colliders such as ILC and FCC. Color singlet contributions to the vector and pseudoscalar state production are taken into account. NLO QCD and LO EW contributions, as well as their interferences are considered. Both intermediate bosons, γ and Z , are included. All calculations are performed in terms of perturbative technique and NRQCD-factorization.

Primary author(s) : Dr. BEREZHNOY, Alexander (SINP MSU, Moscow, Russia); Mr. BELOV, Ilia (SINP MSU, Moscow, Russia); Mr. LESHCHENKO, Evgeny

Presenter(s) : Mr. LESHCHENKO, Evgeny

Session Classification : High Energy Physics: Theory

Track Classification : High energy physics: theory