

## CENTAURO-LIKE EVENTS - COSMIC RAY INTERACTIONS

E. Krys (1), J. Oliskiewicz (2)

(1) Faculty of Mathematics, University of Lodz Banacha 22, 90-238 Lodz, Poland

(2) Dept. of Experimental Physics, Lodz Univ. 90-236 Lodz, Pomorska 149/153,  
Poland

[elkrys@krysia.uni.lodz.pl](mailto:elkrys@krysia.uni.lodz.pl)

We discuss the relation between high-energy interactions of proton/photon initiated showers and Centauro-like events. We point out that several candidates of Centauro-like events have been accumulated by the series of simulation data for two-storied emulsion chambers at Chacaltaya Mt. The results are obtained for the fixed experimental devices and the calculations done especially for them. We show that the registered Centauro-like events, which consist of multiple production showers on a lower chamber accompanied by very few ones in an upper chamber, are not in disagreement with the simulation results.