## MEAN SQUARE RADIUS OF EAS ELECTRONS

R.I.Raikin (1), A.A.Lagutin (1), N.Inoue (2), A.Misaki (2)
(1) Altai State University, Russia, (2) Saitama University, Japan

Detailed theoretical study of the mean square radius of extensive air shower electrons has been made in connection with further development of scaling formalism for electron lateral distribution function.
A very simple approximation formula, which allows joint description of all our results obtained in wide primary energy range and for different observation depths is presented. The sensitivity of the mean square radius to variations of basic parameters of hadronic interaction model is discussed.

