LF-MF Radioemission from EIS

Roy Sinha (**Mrs**) **Kalpana** ¹, Datta (Mrs) Pranayee ².

¹ Research Student, Deptt. of Electronics Science, Gauhati University, Guwahati-781014, Assam, India.

Emission of LF-MF radiopulses by Transition Radiation associated with negative charge excess of neutrino-induced Extensive Ice Showers (EIS) is investigated theoretically. Possible implications of simultaneous detection of LF-MF Radioemission and HF Radioemission for such showers are also discussed.

² Professor, Deptt of Physics & i/c, Deptt. of Electronics Science, Gauhati University, Guwahati – 781014, Assam, India.