



Contribution ID : 415

Type : **Poster**

The LPM shower in water in the Okamoto-Shibata formalism

Abstract content

Okamoto-Shibata developed a new simulation technique which is applied to the calculation of the cascade shower, keeping the rigidity of the technique and saving much time for computation (Okamoto and Shibata, NIM, A257(1987)155). We apply their technique to the LPM shower in water for the detection of the electron neutrino in extremely high energies. The results obtained under Okamoto-Shibata formalism are compared with these obtained by the accurate Monte Carlo method.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

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Session Classification : Posters 3 + Coffee

Track Classification : HE.2.4