



Contribution ID : 143

Type : **Poster**

Cosmic ray and neutrino physics with space detectors

Wednesday, 4 July 2007 14:45 (0:00)

Abstract content

Simulations of ultra high energy showers that may be generated by different primaries and observed with space detectors are performed. A special driver is developed which enables to treat neutrino as a primary particle in the framework of the traditional codes (AIRES, CORSIKA). Possibilities of the TUS detector employment for ultra high energy neutrino studies are discussed.

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

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 4 (HE part 1), pages 179-182

Primary author(s) : Mr. COTZOMI, Jorge (Moscow State University- Universidad Autonoma de Puebla)

Co-author(s) : Prof. KALMYKOV, Nikolay (D.V.Skobeltsyn Institute of Nuclear Physics of M.V.Lomonosov Moscow State University); Dr. SALAZAR, Humberto (Universidad Autonoma de Puebla); Dr. ROSADO, Alfonso (Universidad Autonoma de Puebla); Dr. SHARAKIN, Sergey (D.V.Skobeltsyn Institute of Nuclear Physics of M.V.Lomonosov Moscow State University)

Presenter(s) : Mr. COTZOMI, Jorge (Moscow State University- Universidad Autonoma de Puebla)

Session Classification : Posters 1 + Coffee

Track Classification : HE.1.3.A