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## Cherenkov Radiation from the Three-Dimensional Cascade Shower for electron neutrino

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### Abstract content

Following the terminology adopted by Supe-Kamiokande, Fully Contained Events are observed in the electron-neutrino which result in the cascade shower for high energy neutrino astrophysics project, such as NT200, AMANDA etc., while muon-neutrino event re observed as Partially Contained Events. Fully Contained Events are essentially only source by which we could extract the reliable information. In our paper, we give the space-time structure for the Cherenkov radiation from the electron cascade showers.

**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. 5 (HE part 2), pages 1385-1388

**Primary author(s) :** Prof. TAKAHASHI, Nobusuke (Department of Advanced Physics, Hirosaki University, Hirosaki, 036-8561, Japan)

**Co-author(s) :** Dr. NAKAMURA, Ichirou (Molecular Analysis and Life Science Center, Saitama University, Saitama, Japan); Prof. MISAKI, Akeo (Advanced Research Institute for Science and Technology, Waseda University, Tokyo, Japan)

**Presenter(s) :** Prof. MISAKI, Akeo (Advanced Research Institute for Science and Technology, Waseda University, Tokyo, Japan)

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