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## 2023 DPF Instrumentation Award

*Wednesday, 8 November 2023 08:35 (35 minutes)*

“For their experimental proof and subsequent characterization of radio emission from high-energy particle cascades, the Askaryan Effect, which has been used in searches for the highest energy astrophysical (PeV and EeV) neutrinos. They have utilized the lunar regolith, Antarctic ice sheet, salt and other dielectrics as detector materials. In addition, they have studied the radio signatures of magnetic emission from the highest energy cosmic rays. And finally, for development of calorimeters and timing planes for future high energy physics collider detectors utilizing the Askaryan effect.”

**Presenters:** SALTZBERG, David (University of California, Los Angeles (UCLA)); GORHAM, Peter (Dept. of Physics, University of Hawaii at Manoa)

**Session Classification:** Plenary