

Development of a Scintillation and Radio Hybrid Detector Array at the South Pole

Marie Oehler and Roxanne Turcotte-Tardif for the IceCube Collaboration

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What is this contribution about?

Description of how the hardware works as well as the calibration and characterisation of the prototype station deployed at the South Pole in January 2020.

Why is it interesting?

This hardware design is the basis for the future deployment of the Surface Array Enhancement and was the first deployed station to record triple coincidence air showers PoS(2021)314.

What have we done?

We improved the design based on previous experiences and verified the performance of the prototype station.

What are the results?

The confirmation of the design and some improvements for the final deployment design.

