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Radio neutrino detection and the required ice calibration

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The IceCube-Gen2 radio array is an ambitious augmentation to IceCube-Gen2, seeking to extend the ultra-high energy neutrino detection reach above 10 PeV. Consisting of 200 multi-channel 'stations' deployed over a surface area of ~500 km^2, such an array also offers significant radioglaciological science. We'll summarize plans to calibrate South Polar radio ice properties necessary for neutrino reconstruction.

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