Expected performance of interferometric air-shower measurements with radio antennas

Felix Schlüter* and Tim Huege Pos (ICRC2021) 228

Study performance of radio-interferometric-technique (RIT) reconstruction of the shower maximum X_{max} for inclined air showers [1] with realistic detectors [2]. Inclined air showers allow to detect cosmic rays up to the highest energies with radio antennas. An accurate X_{max} measurement would boost mass sensitivity.



