

ONLINE ICRC 2021

THE ASTROPARTICLE PHYSICS CONFERENCE
Berlin | Germany

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Summary

5 July 2021

What is this contribution about?

Develop of a self-trigger mechanism for air shower radio signals corrupted with noise with Adaptive Filters.

Why is it relevant / interesting?

Potential and innovative tool for a self-independent trigger mechanism applied in air shower radio signal detection.

What have we done?

Applied the method on a simulated dataset and noise.

What is the result?

A competitive result for efficiency and false positive rate for the method and the expectation to apply it on measured data.

LOC Institutes and Organisations

