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Radio Detection of High Energy Cosmic Rays

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Since the renaissance of this detection technique in 2003 enormous achievements could be reached. This concerns both, improvements of the experimental sensitivities and a better theoretical understanding of the emission process. This led to an increase of interest in the field worldwide with a bulk of new experimental efforts as well as a couple of new approaches for the Monte Carlo description of the radio emission in air-showers. This contribution will review the recent advances, the present status, and the perspectives of the radio detection technique of high-energy cosmic rays.

Primary author: Dr HAUNGS, Andreas (Karlsruhe Institute of Technology - KIT)

Presenter: Dr HAUNGS, Andreas (Karlsruhe Institute of Technology - KIT)

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