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## **Characterisation of the radio signal emission from extensive air showers using the SELFAS code**

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The code SELFAS computes the electric field emitted by the secondary electrons and positrons in air showers initiated by high-energy cosmic rays.

SELFAS is based on the shower universality. We will focus on the main successes of the code to explain observations in the range MHz-GHz, and we will insist on the signal emitted by the sudden death of air showers when the front disappear in the ground, in the context of the new EXTASIS experiment.

**Primary author:** Mr REVENU, Benoît (Subatech)

**Co-authors:** LOUÉDEC, Karim (LPSC); MARIN, Vincent (Subatech)

**Presenter:** Mr REVENU, Benoît (Subatech)

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