

A Case Study with a Mobile Seismo-Acoustic Array, RAPAR



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- We would like to invite you to our poster to show the initial results from a standalone mobile seismo-acoustic array, RAPAR.
- RAPAR's Main Components : Raspberry shake-boom(geophone, acoustic sensor), digitizer, solar power supply, LTE Comm
 - Examples of initial results from a field test and a local mine : local artificial acoustic sources, local infrasound coupled from a regional seismic signals, calculated location of small explosions and waveform classification
 - The most important result of our work is that we can utilize RAPAR for locating artificial seismo-acoustic sources and analysing

characteristics of the sources.









