



## Development of an OSI Software Package for Gravitational Field Mapping Data Processing



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- Our poster is about the development of a Python software package for processing and visualizing gravity field data (GRV) to be exploited in the context of CTBTO On-Site Inspections
- Gravity anomalies, can provide clues for the identification of underground nuclear explosions
- We designed a tailored software tool for microgravimetry applications, with a graphical interface, that applies all the corrections (instrumental, temporal, location-based, terrain, and outlier removal) to GRV measurements
- The result is a user-friendly package that helps the inspection team to obtain reliable, corrected gravity measurements, making it possible to highlight anomalies that could reveal underground explosions
- If you want to find out more, come over for a chat in front of our poster!





