

Koivisto, E.A.L., Brodic, B., Kovacs, A., Kristekova, M., Kristek, J., Haefner, R., Joswig, M., Walter, M., Gaya-Pique, L., Rowlands, A. and Labak, P.

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- **Two posters on the results of the 2022 and 2023 OSI Field Tests:**

- Results of 2022 and 2023 OSI Field Tests for Seismic Techniques **P3.3-556**
- Results of 2022 and 2023 OSI Field Tests for Non-Seismic Geophysical Techniques **P3.3-528**

- **Field tests are a key element of on-site inspection (OSI) techniques development process.**

- In 2022 and 2023, the PTS conducted two field tests for the development of the following seismic and non-seismic geophysical techniques for deep OSI applications:

- Resonance seismometry (RES)
- Active seismic surveys (ACT)
- Gravitational field mapping (GRV)
- Electrical conductivity measurements (ECM)



- The **2022 OSI Field Test** was conducted in a mountainous environment in Styria, Austria over a cave system embedded in limestone with karst voids at depths of 40-350 m.
- The **2023 OSI Field Test** was conducted at a farm in Folkestone, Kent, UK, above the Channel Tunnel, consisting of two rail tunnels excavated in chalk marl at 90 m depth.

