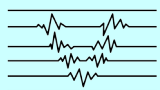


# SPIN

MONITORING A  
RESTLESS EARTH

<http://spin-itn.eu>



**SPIN**

MONITORING A

RESTLESS EARTH

SPIN Workshop 1, 2021 -- Tutzing, Germany

## Experiments

- *Continental, lithosphere;*
- *DAS, Leon, water table – pumping;*
- *Near sea (?), dense nodal arrays, noise wavefield – velo. Variation*

## Projects

- **F-IMAGE: fault zone char. With coda and body, 4D imaging approaches; scatterers and their strengths; classify the ambient noise source;**

# ISTerre

## Instru.

- *DAS, dense nodal arrays*

## Theo.

- *C3 (cross-correlational coda wave) method to select the coda;*
- *Coherence of frequency components, unsupervised classification of noises*

## New aspects

- *Field data at first volcano;*
- *700 stations (fiber optics, nodal arrays, etc.) at alpine region for noise sources classification at glacier environment;*