



# Presentation template

A simple subtitle

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ISTerre, Université Grenoble Alpes

Section 1

Section 2

Section 1

Section 2

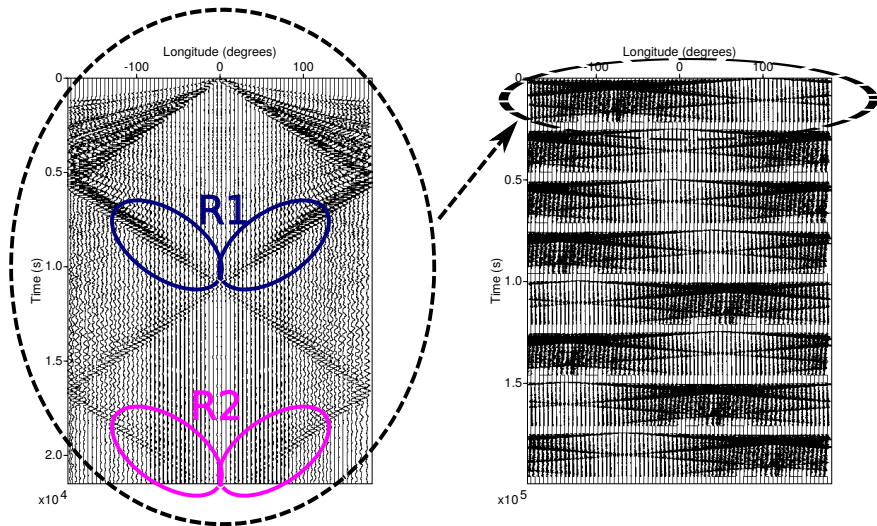
Slide 1

Section 1

Section 2

Slide 2

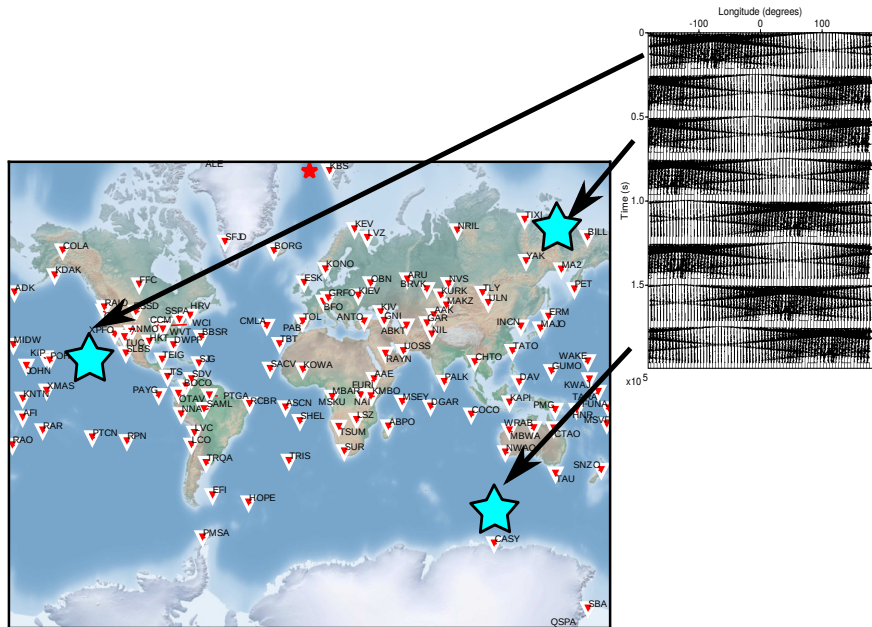
Using the FMF technique we plan to detect hidden global long period events



## Analyzing continious data from all around the world







- What are these events?
- What are the characteristics of these events?
- What is the role that they play in the seismic cycle?

- Beaucé, E., Frank, W. B., and Romanenko, A. (2017). Fast matched filter (fmf): An efficient seismic matched-filter search for both cpu and gpu architectures. *Seismological Research Letters*, 89(1):165–172.
- Frank, W. B. and Abercrombie, R. E. (2018). Adapting the matched-filter search to a wide-aperture network: An aftershock sequence and an earthquake swarm in connecticutshort note. *Bulletin of the Seismological Society of America*, 108(1):524–532.