



ANR MADALPS' day #2 - 03.02.2026 - ISTerre Grenoble – Dolomieu room

9h Welcome coffee

9h30-10h One year of MADALPS development: first assessments and global perspectives (C. Sue)

Scientific outlooks, then discussions and perspectives per workpackage (*scientific issues; links between WP; strategy and priorities ; data...*)

10h-12h WP1. Alpine seismology, space-time-energy distributions, and related mechanisms (A. Helmstetter & M. Godano)

- 10h-10h20 Overview of the latest focal mechanisms computed with FMNEAR in the Alps (B. Delouis, Géoazur)
- 10h20-10h40 Aftershocks to Swarms: Spatio-temporal and energy distribution of W-Alpine Seismicity (E. Granier, ISTerre)
- 10h40-11h UBAYE seismic nodes experiment and perspectives (A. Helmstetter, ISTerre)
- 11h-12h Open discussions

12h-14h Lunch, bistrot l'Oiseau Blanc, campus

14h-15h15 WP2. Neotectonics and paleoseismology (R. Vassallo & C. Sue)

- 14h-14h20 Sequenced seismotectonic zonation models for SE France (V. Mowbray, ISTerre)

- 14h20-14h40 Evidences for a major Late-Holocene paleo-earthquake in the Southern Alps (C. Thomasset, ISTerre)
- 14h40-15h15 Open discussions

15h15-16h WP3. Vertical movements and comparison with seismicity (A. Walpersdorf & M.P. Doin)

- 15h15-15h30 Digging into the InSAR universe to unravel alpine deformation: work in progress (J. Raabe, ISTerre)
- **15h30-16h** Open discussions

16h-16h45 WP4. Numerical modeling approach: deep dynamics / surface processes coupling (P. Sternai & J. Martinod)

- 16h-16h20 Sinking or floating? The interplay between erosion and tectonics in controlling continental lithosphere fate within subduction zones (F. Caso, Milano Bicocca)
- **16h20-16h45** Open discussions

16h45-17h Synthesis & conclusion of the day (C. Sue)