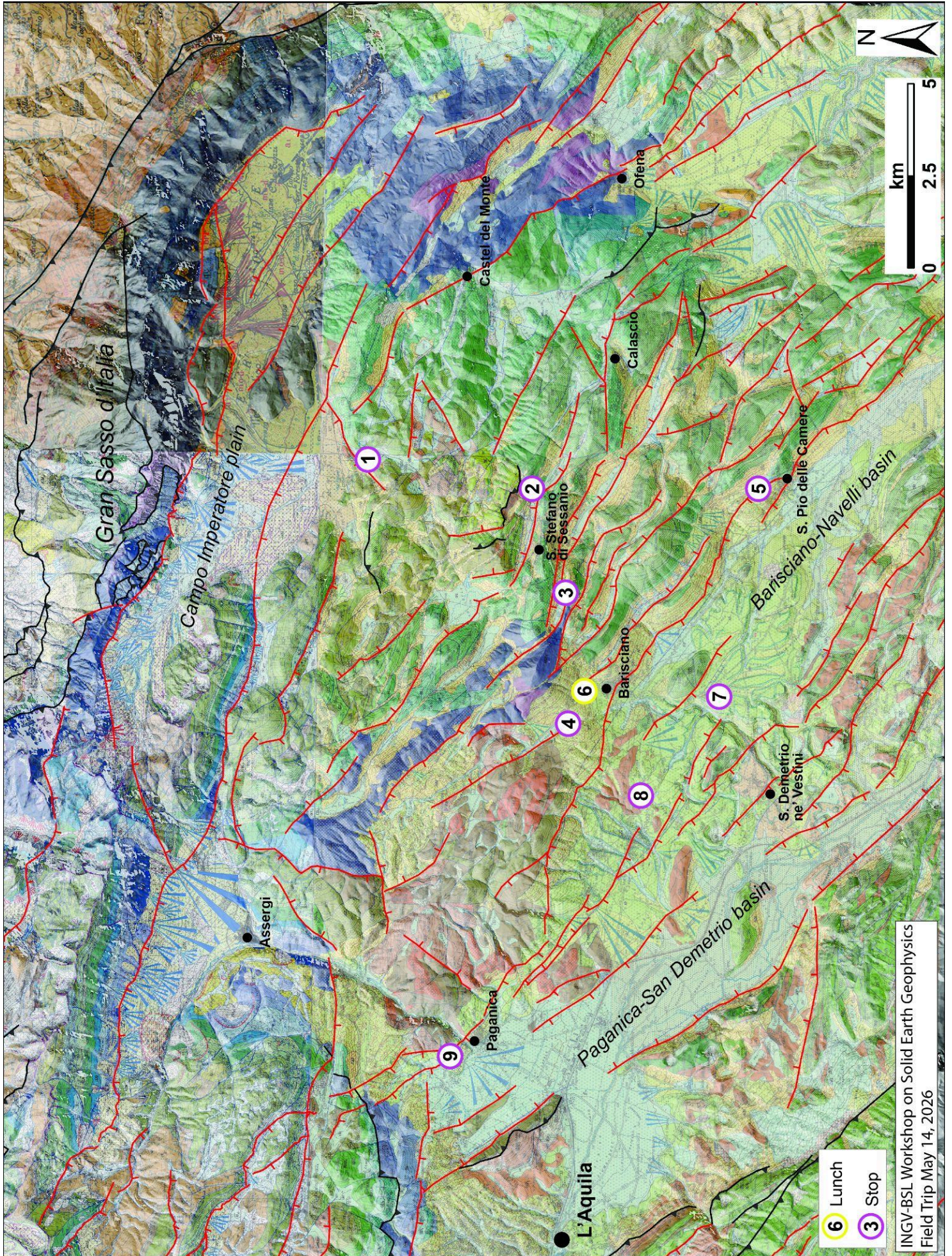


INGV-BSL Workshop
May 13-14, 2026 Fieldtrip



INGV-BSL Workshop on Solid Earth Geophysics
Field Trip May 14, 2026

Field Trip May 13-14, 2026: Crossing the Central Apennine active fault systems.

The 1-day field trip is planned to give the participants the opportunity to cross part of the Abruzzi region extensional domain, affected by the largest active high-strain rate. We will start from a panoramic view of the more external active system, dismantling the Gran Sasso Massif (2.912 m a.s.l.) at the Apennine crest. Moving SSW, we will touch some of the exhumed parallel normal fault splays responsible for the tectonics-controlled intermountain basins. We will end at the southwestern dipping Paganica-San Demetrio fault system, source of the 2009 Mw 6.3 L'Aquila earthquake, by visiting the locus of coseismic surface rupture and paleoseismological investigations.

Schedule

May 13

05:00 p.m. Bus Transfer to Santo Stefano di Sessanio (AQ)

07:30 p.m. Accommodation at Residenza La Torre (<https://www.rlatorre.it/en-gb>)

08:30 p.m. Social dinner

May 14

8:30 a.m. Bus Transfer to Racollo viewpoint (1): Panorama of the fault-controlled Campo Imperatore upland. *20' TWT walking (0.5 km) on dirt road; path with a 15-meter change in elevation.*

9:45 a.m. (2) Lucchiano plain: tilted breccia of the short wavelength tectonic valleys. *5' walking on a stony and grassy trail; path with minimal change in elevation.*

10:30 a.m. (3) Augusta Valley: East-dipping faults outcrop.

11:05 a.m. (4) Valiano Valley: Overview of the Barisciano-Castelnuovo-San Demetrio ne' Vestini Quaternary basins.

11:55 a.m. (5) San Pio delle Camere: West-dipping exhumed Pleistocene fault zone. *15' walking on a stony and sandy trail (0.1 km) of a quarry; path with minimal change in elevation.*

1:00 p.m. (6) Lunch at convent "San Colombo".

2:45 p.m. (7) Valle dell'Inferno. Panorama of the dissected Quaternary basins and paleolandforms. *10' walking on a dirt road and grassy trail (0.2 km); path with no change in elevation.*

3:30 p.m. (8) Poggio Picenze: Outcrop of the faulted Early Pleistocene Lacustrine deposits of the San Demetrio basin infill.

4:30 p.m. (9) Paganica: Site of 2009 L'Aquila earthquake coseismic surface faulting. *15' walking on tar road (0.2 km) and grassy field; path with a 30-meter change in elevation.*

5:15 p.m. Bus Transfer to Rome (INGV). Estimated ETA 7:45 p.m.

General advices

The trip takes the participants through a tectonic-controlled staircase of high plains (700-1640 m a.s.l.), inset into a mountainous region (up to 2912 m a.s.l.).

Considering the season, pack the appropriate clothing, gear, and tools for the expected variable climatic conditions and physical fitness: it can be both cold, windy and rainy or mild and sunny.

Since it is planned to cover very short walking distances on rough routes: trail boots and raincoats are recommended.

Organizers according to weather conditions can adjust the schedule.

References

Use the QRcode to direct link/access to a bibliography collection:

