

POST
03

PARTIAL MELTING & CRUSTAL DIFFERENTIATION: MIGMATITES AND GRANITES OF NORTH-SARDINIA

The Variscan basement of Sardinia exposed along the north-eastern coast of the island, shows interesting outcrops of igneous- and sedimentary-derived **migmatites** and **granites** emplaced during the Middle Carboniferous to Permian post collisional phase of the orogeny.



PROGRAM

Day one: we will leave Cagliari in the morning of Sunday the 22nd of June and visit **Porto Ottiolu**, along the north-eastern coast of Sardinia. The participants will observe igneous and sedimentary-derived migmatites and their relationships at the outcrop scale. In the nearby **Punta de Li Tulchi** bay we will visit the most interesting outcrop in Sardinia of mafic rocks, with relics of eclogite-facies mineral assemblage.

Day two: we will visit the amphibole-bearing migmatites of **Punta Sirenella** and discuss their formation. Then we will visit the eclogites of **Terrata** (Golfo Aranci) and then move toward north to the **Barrabisa** granitic complex on the northern coast.

Day three: the participants will have the possibility of visit a spectacular outcrop of low pressure migmatites of **Punta Bianca** which underwent melting in presence of water. Bring a swimming costume!

COORDINATORS

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DATES

Post-Conference – POST-03

Starts: June 22, 2025 at 8:00 AM, at Cagliari Harbour

Ends: June 24, 2025 at 19:00 PM, at Cagliari Harbour

NUMBERS OF PARTECIPANTS

Minimum: 12 | Maximum: 19

COST

Price per person: 340 Euro

(Travel accident insurance and medical coverage is not included)

TYPE OF TRANSPORTATION

Van for intercity trips and visits

PREREQUISITES

Participants should be able to walk medium-long distances and hike along easy paths on rocky outcrops.

EQUIPMENT FOR INDIVIDUAL USE

Protective sun cream

Hiking boots are recommended

Swimsuit and towel for a bath along the coast

INCLUDED IN THE PACKAGE

Transfers from and to Cagliari Harbour.

Meals: breakfast, pocked lunch, and dinner in local restaurants

Accommodation in double or triple rooms (one night in Olbia and one in Santa Teresa Gallura).

