

SANTA BARBARA CAVE AND PORTO FLAVIA MINE HARBOUR

The **Santa Barbara** is an astonishing cave intersected by mining works within Mount San Giovanni (SW Sardinia). This hypogenic cavity has a complex geological history linked to fluids rising from depth. This mineralogical environment allowed the precipitation of abundant mineralization that covers the entire surface of its walls. Of extraordinary scientific importance are its massive tabular barite crystals, but Santa Barbara is also known as one of the very few caves in the world where new cave minerals have been discovered.



Porto Flavia was a mining facility overlooking the SW coast of Sardinia. Made for loading the material extracted from the surrounding mines, the structure was built by digging two overlapping tunnels inside the hanging rocky coast. The upper tunnel was used to unload the materials coming from the nearby mines, and the lower one to store them onto ships via an extendable conveyor belt. Between the two tunnels, nine silos were carved out, capable of holding up to 10,000 tons of mineral material. The harbour remained operational until the 1960s. It represents an interesting monument of industrial archaeology.

COORDINATORS

Laura Sanna
Patrizia Onnis

Email: laura.sanna@cnr.it

DATES

Middle-Conference – WT-04

Starts: June 19, 2025 at 8:00 AM, at Cagliari Harbour

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

NUMBERS OF PARTECIPANTS

Minimum: 10 | Maximum: 22

COST

Included in the registration

TYPE OF TRANSPORTATION

Van for intercity trips and visits



PREREQUISITES

Easy walking path.

EQUIPMENT FOR INDIVIDUAL USE

Closed shoes without high heels

Warm suit (for the cave and mine)

INCLUDED IN THE PACKAGE

Ticket to the cave and mine sites

Meals: pocket lunch

WEBSITES

www.iglesiaturismo.it/grotta-di-santa-barbara-e-miniera-di-san-giovanni/

www.iglesiaturismo.it/porto-flavia/