



Contribution ID: 210

Type: Poster

## P2.24: Preliminary results from the Submarine Gamma Imager

*Wednesday, June 28, 2023 5:04 PM (1 minute)*

We present preliminary results of a novel submarine gamma imager (SUGI) based on pixelated CdZnTe detector modules. The instrument, mounted on a remotely operated vehicle (ROV), has been tested in a series of field deployments performed at the hydrothermal fields of the island of Milos, Greece. The analysis of the collected data demonstrate the capabilities of the instrument being developed, while comparison with a reference gamma detector confirms the validity of the results.

**Authors:** Dr NTOUSKOS, Valsamis (National Technical University of Athens); TSIRONIS, Vasileios (National Technical University of Athens)

**Co-authors:** SPANOS, Sotiris (National Technical University of Athens); ANTONIOU, Christos (National Technical University of Athens); Dr MALLIOS, Angelos (Ploa Technology Consultants S.L.); Prof. KARANTZALOS, Konstantinos (National Technical University of Athens)

**Presenter:** Dr NTOUSKOS, Valsamis (National Technical University of Athens)

**Session Classification:** Poster (incl. coffee)