



Contribution ID: 210

Type: Poster

P2.24: Preliminary results from the Submarine Gamma Imager

Wednesday, 28 June 2023 17:04 (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.

Primary 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)