



# Muographers2023 - International workshop on muography

## Tuesday, 20 June 2023

### Geoscience and Archaeology (09:00 - 10:40)

time	[id] title	presenter
09:00	[54] Chair	Dr CARLOGANU, Cristina
09:00	[3] The ScIDEP Project at the Egyptian Pyramid of Khafre	TYTGAT, Michael
09:20	[27] Underground muography at Buda Castle	SURÁNYI, Gergely
09:40	[11] Near Surface muography studies and application to archaeology.	AVGITAS, Theodore
10:00	[8] Muographic study of the Palazzone necropolis (Perugia-Italy)	Dr BORSELLI, Diletta
10:20	[26] An advanced gaseous detector-based telescope for muography	SAMALAN, Amrutha TYTGAT, Michael HONG, Yanwen

### Geoscience and Archaeology (11:10 - 12:30)

time	[id] title	presenter
11:10	[55] Chair	Dr CARLOGANU, Cristina
11:10	[17] Muography of volcanic and atmospheric hazards at Sakurajima volcano, Japan	OLÁH, László
11:30	[18] Muography of Oman ophiolites	OLÁH, László
11:50	[31] Status and first results of the MURAVES campaign at Mt. Vesuvius	GIAMMANCO, Andrea BASNET, Samip
12:10	[29] Lava dome rock strength estimation using 3-D muography at La Soufriere de Guadeloupe	Mr BAJOU, Raphaël

### Geoscience and Archaeology (14:00 - 15:00)

time	[id] title	presenter
14:00	[56] Chair	VARGA, Dezso
14:00	[38] Mapping water on the Moon and Mars using GScan tracker system	Dr PINTO, Olin Lyod
14:20	[36] Muography with nuclear emulsions developed at Nagoya University	Dr MORISHIMA, Kunihiro
14:40	[46] Hidden chamber discovery in the underground Hellenistic necropolis of Neapolis by muography	TIOUKOV, Valeri