



Università
degli Studi di
Messina



Accademia Peloritana
dei Pericolanti

**INTERNATIONAL WORKSHOP
ON
ADVANCES AND APPLICATIONS IN GEOFORENSICS:
Unraveling Crimes with Geology**

**26th September 2022
(8:00-17:00)**

**Workshop locality for attendees (in presence):
Scientific campus of the University of Messina (Italy)
Viale Ferdinando Stagno d'Alcontres, 31, Sant'Agata (Messina)**

PROGRAM

08:00-09:00 Registration

09:00-09:30 Opening Ceremony

Delegate of the Messina University / President of the AAP

Prof. Domenico Majolino (Director of the MIFT Department)

Prof. Giaquinta (Director of the APP Class Physical, Mathematical and Natural Sciences)

Prof. Giancarlo Neri (President of the Earth Sciences Section of the MIFT Department)

Prof. Roberta Somma (Organizer of the workshop - Scientific officer of the agreement between the Messina University and the Messina Prosecutor's Office on Forensic Geology and Environmental Crimes)

KEYNOTE LECTURE

Chairs: Valentina Venuti, Francesco Caridi

09:30-10:00 Somma Roberta - Unraveling Crimes with Geology (Messina University)

INVITED LECTURES (First session)

Chairs: Marina Morabito, Roberta Somma

10:00-10:30 Dawson Lorna - The role of soil in intelligence and evidence in murder investigations in the UK (James Hutton Institutes, Aberdeen, United Kingdom)

10:30-11:00 Canter David - Following in Criminals' Footsteps: Developments in Geographical Offender Profiling (University of Liverpool, United Kingdom)

Coffee break

11:30-12:00 Fonseca Joao – The importance of soil analysis in forensic science and criminal investigation (Scientific Police Laboratory, Judiciary Police, Lisbon, Portugal)

INVITED SPEAKER

Chairs: Daniela Sapienza, Filippo Cucinotta

12:00-12:15 Paladini Giuseppe - XRF and Raman techniques for the characterization of colored gemstones: some case study (Messina University, Italy)

12:15-12:30 Maniscalco Rosanna - Micropaleontology applied to crime solving (Catania University, Italy)

Lunch time

INVITED LECTURES (second session)

Chairs: Roberta Somma

13:30-14:00 Marie-Louise Siggaard-Andersen - With the feet on the ground – how we started soil-forensics in Denmark (University of Copenhagen, Denmark)

14:00-14:30 Jason Byrd - Forensic Entomology: Insects from Clandestine Gravesites. (University of Florida, USA)

Coffee break

POSTER SESSION

15:00-17:00

17:00 - Closure Ceremony and award for the best poster