

Session Program

15-19 Feb 2026

ISOTOPIC TIME MACHINE
FROM CULTURAL HERITAGE
TO SUSTAINABLE FUTURE



12th International Conference on Isotopes - 12ICI

3. Isotopes in the Environment - Wed_S2_B

Grand Hotel Mediterraneo
Lungarno del Tempio, 44 - 50121, Firenze

Wednesday 18 February

14:30

3. Isotopes in the Environment - Wed_S2_B

Session | **Location:** Grand Hotel Mediterraneo, Plenaria: Asia Room | **Conveners:**
Andrew Burgoyne, Fabio Mantovani

14:30-14:50

THE APPROPRIATE ENVIRONMENTAL SAMPLE TO EDUCATE NOVICE STUDENTS IN ENVIRONMENTAL RADIOACTIVITY MEASUREMENTS USING GAMMA RAY SPECTROSCOPY

Speaker

Sheldon Landsberger

14:50-15:10

MANAGEMENT OF TECHNOLOGICALLY ENHANCED RADIOACTIVE MATERIAL (TENORM) IN THE OIL&GAS COMPANIES ACTIVITIES, THE ENI EXPERIENCE.

Speaker

Dr Giuseppe Lepori

15:10-15:25

MACHINE LEARNING ALGORITHMS FOR SOIL TEXTURE PREDICTION FROM AIRBORNE RADIOMETRIC SURVEYS

Speaker

Nedime Irem Elek

15:25-15:40

RADIOTRACERS FOR THE STUDY OF MARINE AND OCEANIC ECOSYSTEM: THE CLIMOCEAN PROJECT

Speaker

Simone Rocca

15:40-15:55

CONDITIONS FOR SYNTHESIS OF $^{203}\text{[HG]}$ METHYL MERCURY IN BUFFERED SOLUTIONS: INVESTIGATING MECHANISMS OF MERCURY LOSS AND CHEMICAL STABILITY

Speaker

Flora Mansour

16:30