

## Session Program

Feb 15 - 19, 2026

ISOTOPIC TIME MACHINE  
FROM CULTURAL HERITAGE  
TO SUSTAINABLE FUTURE



# 12th International Conference on Isotopes - 12ICI

## *2. Isotope Applications - Tue\_S2\_C*

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

## Tue, February 17

2:31 PM

### 2. Isotope Applications - Tue\_S2\_C

**Session** | **Location:** Grand Hotel Mediterraneo, Plenaria: Europa Room | **Conveners:** Dag Eriksen, Claudio Galelli

2:31 - 2:51 PM

#### A COMPARISON OF COMPTON SUPPRESSION AND GAMMA-GAMMA COINCIDENCE IN NEUTRON ACTIVATION ANALYSIS: A REVIEW

**Speaker**

Sheldon Landsberger

2:51 - 3:11 PM

#### MACHINA, THE MOVABLE ACCELERATOR FOR CULTURAL HERITAGE IN-SITU NON-DESTRUCTIVE ANALYSIS: FIRST RESULTS AND CASE STUDIES

**Speaker**

Dr Caroline Czelusniak

3:11 - 3:31 PM

#### CHNET\_MAXI: OPTIMIZING MUONIC ATOM X-RAY AND PROMPT GAMMA SPECTROSCOPY FOR NON-DESTRUCTIVE LEAD ISOTOPIC RATIO ANALYSIS IN CULTURAL HERITAGE

**Speaker**

Massimiliano Clemenza

3:31 - 3:46 PM

#### PRODUCTION OF Al-26 AND Be-10 VIA NEUTRON REACTIONS IN SiO<sub>2</sub>-ROCKS: IMPLICATIONS FOR BURIAL DATING RELATED TO THE CRADLE OF HUMANKIND--UNESCO WORLD HERITAGE SITE

**Speaker**

Sara Rabaglia

3:46 - 4:01 PM

#### BUILDING A RELIABLE SUPPLY CHAIN FOR YB-176

**Speaker**

Sandra Barithel

4:01 - 4:16 PM

#### ULTRACENTRIFUGATION TO BUILD A RELIABLE SUPPLY CHAIN FOR QUANTUM AND HEALTHCARE

**Speaker**

Sandra Barithel

4:16 - 4:30 PM

#### A LOOK AT THE PROBLEMS OF RADIONUCLIDE RAW MATERIAL SUPPLY FOR ISOTOPE PRODUCTION FROM THE PERSPECTIVE OF A SEALED SOURCE MANUFACTURER

**Speaker**

Aleksandr Bespokoiev

4:30 PM