

## Session Program

15-19 Feb 2026



# 12th International Conference on Isotopes - 12ICI

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

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

## Tuesday 17 February

14:31

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

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

14:31-14:51

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

**Speaker**

Sheldon Landsberger

14:51-15:11

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

**Speaker**

Dr Caroline Czelusniak

15:11-15:31

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

**Speaker**

Massimiliano Clemenza

15:31-15:46

#### 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

15:46-16:01

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

**Speaker**

Sandra Barithel

16:01-16:16

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

**Speaker**

Sandra Barithel

16:16-16:30

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

**Speaker**

Aleksandr Bespokoiev

16:30