

## Session Program

Feb 15 - 19, 2026

ISOTOPIC TIME MACHINE  
FROM CULTURAL HERITAGE  
TO SUSTAINABLE FUTURE



# 12th International Conference on Isotopes - 12ICI

## *2. Isotope Applications - Mon\_S2\_C - Young Session*

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

# Mon, February 16

3:01 PM

## 2. Isotope Applications - Mon\_S2\_C - Young Session

**Session** | **Location:** Grand Hotel Mediterraneo, Plenaria: Europa Room | **Conveners:** Sonja Schreurs, Caroline Licour

3:01 - 3:16 PM

### MOLECULAR PLATING TECHNIQUE TO PREPARE THIN TARGETS FOR PRODUCTION CROSS SECTION MEASUREMENT OF THE $^{nat}\text{-Gd}(p,x)\text{Tb-155}$ REACTION

**Speaker**

Vanessa RHODEN

3:16 - 3:31 PM

### MANGANESE-52: FROM CYCLOTRON PRODUCTION TO ELECTROCHEMICAL PURIFICATION AND PET/MR NANOPROBE FORMULATION

**Speaker**

Ms Sanchita Ghosh

3:31 - 3:46 PM

### COBALT-60 GAMMA IRRADIATION FOR CULTURAL HERITAGE PRESERVATION: CASE STUDIES ON ARCHIVAL PAPER AND PARCHMENT

**Speaker**

Beatrice D'Orsi

3:46 - 4:01 PM

### MANUFACTURING AND RECYCLING OF ZnO TARGETS FOR Cu-67 PRODUCTION

**Speaker**

Gaja Piteo

4:01 - 4:16 PM

### PROBING MUON ISOTOPE PRODUCTION AND PAST ASTROPARTICLE FLUXES USING NUCLEAR RECOIL TRACKS IN PALEO-DETECTORS

**Speaker**

Claudio Galelli

4:30 PM