

## Session Program

15-19 Feb 2026

ISOTOPIC TIME MACHINE  
FROM CULTURAL HERITAGE  
TO SUSTAINABLE FUTURE



# 12th International Conference on Isotopes - 12ICI

## *1. Isotopes Production and Devices - Wed\_S2\_A*

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

## Wednesday 18 February

14:29

### 1. Isotopes Production and Devices - Wed\_S2\_A

**Session** | **Location:** Grand Hotel Mediterraneo, Plenaria: Africa Room | **Conveners:** Michele Colucci, Hiromitsu Haba

14:29-14:49

#### ISOTOPE ISOLATION FROM MASSIVE PROTON-IRRADIATED TARGETS AT LOS ALAMOS NATIONAL LABORATORY

**Speaker**

Veronika Mocko

14:49-15:09

#### FROM ACCELERATOR WASTE TO RESEARCH: ISOLATION AND USE OF LONG-LIVED RADIONUCLIDES AT THE PAUL SCHERRER INSTITUTE

**Speaker**

Zeynep Talip

15:09-15:29

#### TOWARDS RELIABLE SUPPLY OF RADIOISOTOPICALLY PURE TERBIUM: CAN MOLECULAR EXTRACTION COMBINED WITH MASS SEPARATION BRING US CLOSER TO THE CLINICS?

**Speaker**

Wiktoria Wojtaczka

15:29-15:44

#### A SEMIAUTOMATED SYSTEM FOR SAFE AND CLEAN PURIFICATION OF RUTHENIUM-106 FROM FISSION PRODUCTS: ENABLING PRACTICALITY FOR OPHTHALMIC APPLICATIONS

**Speaker**

Dr Simindokht Shirvani Arani

15:44-15:59

#### INDIRECT PRODUCTION OF Tb-155 USING NATURAL TERBIUM TARGETS: A TWO-STEP RADIOCHEMICAL SEPARATION APPROACH

**Speaker**

Anzhelika N. Moiseeva

15:59-16:14

#### OPTIMIZATION OF Ga-68 SEPARATION FROM SOLID TARGETS IRRADIATED AT A MEDICAL CYCLOTRON

**Speaker**

Pascal Grundler

16:14-16:29

#### DEVELOPMENT OF A ROBUST METHOD FOR ISOLATION OF I-124 PRODUCED VIA Te-124(p,n)I-124 REACTION FOR RADIOPHARMACEUTICAL PREPARATION

**Speaker**

Rajwardhan Ambade

16:30