

Session Program

Feb 15 - 19, 2026

ISOTOPIC TIME MACHINE
FROM CULTURAL HERITAGE
TO SUSTAINABLE FUTURE



12th International Conference on Isotopes - 12ICI

1. Isotopes Production and Devices - Mon_S2_A

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

Mon, February 16

3:00 PM

1. Isotopes Production and Devices - Mon_S2_A

Session | **Location:** Grand Hotel Mediterraneo, Plenaria: Africa Room | **Conveners:** Thierry Stora, Gaia Pupillo

3:00 - 3:20 PM

CROSS SECTION MEASUREMENTS AND PRODUCTION OF Tm-165 VIA THE Ho-165(α ,4n) REACTION: GENERATOR OF A PURE AUGER ELECTRON EMITTER, Er-165

Speaker

Etienne NIGRON

3:20 - 3:40 PM

TOWARDS OPTIMIZED La-133 AND La-135 PRODUCTION THROUGH CROSS-SECTION MEASUREMENTS FROM BARIUM TARGETS

Speaker

Dr Gaia Dellepiane

3:40 - 4:00 PM

PRODUCTION OF TECHNETIUM RADIOISOTOPE BY ALPHA-PARTICLE BEAM IRRADIATION OF 93-NIOBIUM UP TO 50 MEV

Speaker

He Huang

4:00 - 4:15 PM

EXPANDING ACCESS TO THERANOSTIC Sc-47: BILAYER TARGETS OR LOW-ENERGY DEUTERON ROUTES

Speaker

Francesca Barbaro

4:15 - 4:30 PM

EXCITATION FUNCTION MEASUREMENTS FOR RADIOISOTOPE PRODUCTION AT RIKEN

Speaker

Masayuki Aikawa

4:30 PM