

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 - Mon_S2_A

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

Monday 16 February

15:00

1. Isotopes Production and Devices - Mon_S2_A

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

15:00-15:20

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

Speaker

Etienne NIGRON

15:20-15:40

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

Speaker

Dr Gaia Dellepiane

15:40-16:00

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

Speaker

He Huang

16:00-16:15

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

Speaker

Francesca Barbaro

16:15-16:30

EXCITATION FUNCTION MEASUREMENTS FOR RADIOISOTOPE PRODUCTION AT RIKEN

Speaker

Masayuki Aikawa

16:30