

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 - Tue_S2_A

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

Tuesday 17 February

14:29

1. Isotopes Production and Devices - Tue_S2_A

Session | **Location:** Grand Hotel Mediterraneo, Plenaria: Africa Room | **Conveners:** Jonathan Engle, Gaia Pupillo

14:29-14:44

PRODUCTION OF Pb-203 FOR IMAGING AT THE IBA CYCLONE 30XP IN JÜLICH

Speaker

Alexander Haseloer

14:44-14:59

TECHNETIUM-94m PRODUCTION BY CYCLOTRON IRRADIATION OF PHOSPHOMOLYBDIC ACID USING AN AUTOMATED LIQUID TARGET SYSTEM

Speaker

Chloe Green

14:59-15:14

A NOVEL ACCELERATOR-BASED SETUP FOR NATIONAL SCALE Mo-99 PRODUCTION: RADIATION PROTECTION ASPECTS

Speaker

David Ohm

15:14-15:29

TOWARDS RADIONUCLIDICALLY PURE N.C.A. Ho-166 VIA AN INDIRECT REACTOR PRODUCTION ROUTE FOR THERAPEUTIC APPLICATIONS

Speaker

Edoardo Renaldin

15:29-15:44

TOWARDS SUSTAINABLE PRODUCTION OF Ac-225 FROM Ra-226 FOR TARGETED ALPHA THERAPY

Speaker

Erika Jajčišínová

15:44-15:59

DEUTERON-INDUCED REACTIONS ON NATURAL ZIRCONIUM FROM THRESHOLD TO 50 MeV: PRODUCTION OF Y-86g

Speaker

Elise Malmer Martinsen

16:00-16:15

CROSS SECTION RESULTS ABOUT THE TI-49(d,x) REACTION FOR THE PRODUCTION OF Sc-47 AND ITS CONTAMINANTS

Speaker

Lucia De Dominicis

16:15-16:30

PRODUCTION CROSS SECTION MEASUREMENTS OF Ag-111 WITH THE REACTION nat-Pd(alpha,X)

16:30

Speaker

Ms Laurine Puren