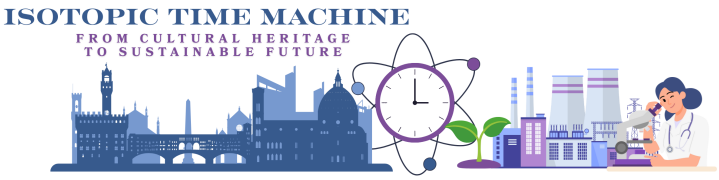
Session Program

Feb 15 – 19, 2026



12th International Conference on Isotopes - 12ICI

Poster Session 1

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

Mon, February 16

1:30 PM

Poster Session 1

Session | **Location:** Grand Hotel Mediterraneo, Americas Room

1:30 – 1:32 PM

ESTABLISHMENT OF ASTATINE-211 PRODUCTION AND PURIFICATION PLATFORM AT KIRAMS

Speaker
Kyo Chul Lee

1:32 – 1:34 PM

INNOVATIVE ELECTROCHEMICAL SEPARATION OF Ru-106: ADVANCING PURITY FOR OPHTHALMIC APPLICATIONS

Speaker
Dr Simindokht Shirvani Arani

1:34 – 1:36 PM

AN AUTOMATED SEPARATION METHOD FOR ISOLATING ZIRCONIUM-89 FROM NIOBIUM-BACKED YTTRIUM TARGETS

Speaker
Alisa Paterson

1:36 – 1:38 PM

DESIGN AND FEASIBILITY STUDY FOR THE LARGE-SCALE PRODUCTION OF Cu-67 USING A HIGH-POWER LINAC ELECTRON BEAM

Speaker
Martin Kreller

1:38 – 1:40 PM

FUNDAMENTAL RESEARCH ON THE PRODUCTION OF MEDICAL RADIOISOTOPES (Tb-161, Lu-177) USING JRR-3

Speaker
Shunsuke Fujino

1:40 – 1:42 PM

ZnO MICROFLOWERS SYNTHESIS AS A WAY FOR CYCLOTRON TARGET RECYCLING FOR CU RADIONUCLIDES PRODUCTION

Speaker
Alessandro Niorettini

1:42 – 1:44 PM

DEVELOPMENT AND OPTIMIZATION OF AN EXTRACTION CHROMATOGRAPHY PROTOCOL FOR HIGH-PURITY Tb-155 PRODUCTION

Speaker
Dr Petra Martini

1:44 – 1:46 PM

A STUDY ON THE PRODUCTION YIELD EVALUATION OF PM-147 USING MCNP–CINDER COUPLING IN A RESEARCH REACTOR ENVIRONMENT

Speaker
Kilyoung Ko

1:46 – 1:48 PM **A SIMPLE TOOL FOR PHOTONUCLEAR ACTIVATION CALCULATION**

Speaker
Erik Poenitz

1:48 – 1:50 PM
REVIEW OF A HEAT TRANSFER-BASED EVALUATION FRAMEWORK FOR ISOTOPE TARGET INTEGRITY IN A CANDU REACTOR

Speaker
Taekyu Ham

1:50 – 1:52 PM
CHROMATOGRAPHIC SEPARATION OF COPPER FROM SIMULATED ZINC AND NICKEL TARGETS

Speaker
Daniel Mcalister

1:52 – 1:54 PM
CHROMATOGRAPHIC SEPARATION OF MANGANESE FROM SIMULATED CHROMIUM TARGETS

Speaker
Madeleine Eddy

1:54 – 1:56 PM
A DEEP ANALYSIS OF Gd2O3 TARGETS FOR Tb-155 PRODUCTION WITH MEDICAL CYLOTRONS

Speaker
Alisa Kotliarenko

1:56 – 1:58 PM
CHARACTERIZATION OF EXTRACTION CHROMATOGRAPHIC RESINS BASED ON MONOAMIDE EXTRACTANTS FOR THE SEPARATION OF TRANSITION AND POST-TRANSITION METAL IONS

Speaker
Madeleine Eddy

1:58 – 2:00 PM
MULTI COPPER AND GALLIUM RADIOISOTOPES PRODUCTION BY IRRADIATION OF ZnO TARGET VIA MEDICAL CYCLOTRON

Speaker
Petra Martini

2:00 – 2:02 PM
DEVELOPMENT OF A SYSTEM FOR MEASURING BETA-RAY EMISSION RATE IN BETAVOLTAIC BATTERIES

Speaker
Jin Joo Kim

2:02 – 2:04 PM
EXCITATION FUNCTION MESUREMENTS OF Tb-149 IN THE B-10+Nd-142 SYSTEM

Speaker
Dr rahbar ali

2:04 – 2:06 PM

A NOVEL APPROACH FOR THE DEVELOPMENT OF TITANIUM CARBIDE TARGET FOR THE SPES ISOL FACILITY

Speaker
Dr Antonietta Donzella

2:06 – 2:08 PM

DEVELOPMENT OF AN AUTOMATED ELECTROPLATING SYSTEM FOR SOLID TARGET PREPARATION IN ALPHA EMITTER PRODUCTION

Speaker
Mario Malinconico

2:08 – 2:10 PM

RADIOACTIVE ISOTOPE BEAM PRODUCTION WITH KoBRA AT RAONGEOPOLYMERS

Speaker
Dong Geon Kim

2:10 – 2:12 PM

PRODUCTION OF INNOVATIVE RADIOISOTOPES FOR PERSONALIZED NUCLEAR MEDICINE IN ITALY

Speaker
Chiara Favaretto

2:12 – 2:14 PM

SPS-PRODUCED YTTRIUM TARGET FOR OPTIMIZED Zr-89 PRODUCTION

Speaker
Chiara Favaretto

2:14 – 2:16 PM

TOWARDS CHEMICAL ENRICHMENT OF CA-48 VIA ELECTROPHORESIS

Speaker
Yuki Ishikawa

2:16 – 2:18 PM

THERANOSTIC POTENTIAL OF [^{64}Cu]$CuCl_2$ TO OVERCOME CANCER HETEROGENEITY

Speaker
Petra Martini

2:20 – 2:22 PM

CHARACTERISTICS OF SECONDARY NEUTRONS IN F-18 PRODUCTION WITH MEDICAL CYCLOTRONS: A MONTE CARLO STUDY

Speaker
Yeijin Bang

2:22 – 2:24 PM

PRODUCTION OF Pb-203 AT GIP ARRONAX

Speaker
Thomas Sounalet

2:24 – 2:26 PM

STUDY OF THE REACTION DYNAMICS FOR THE PRODUCTION OF Tm-167

Speaker
Mr mohd usman

2:26 – 2:28 PM

RADIOLABELING OF GOLD NANOPARTICLES WITH Sc-44 FOR PET DIAGNOSIS OF CANCER

Speaker
Théo Demartinécourt

2:28 – 2:30 PM

DOSIMETRIC EVALUATION OF ^{32}P RADIONUCLIDE THERAPY USING SILICA MICROPARTICLE CARRIERS

Speaker
Prof. Sung-Joon Ye

3:00 PM