

Session Program

Feb 15 - 19, 2026



12th International Conference on Isotopes - 12ICI

Poster Session 2

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

Tue, February 17

1:02 PM

Poster Session 2

Session | Location: Grand Hotel Mediterraneo , Americas Room

1:02 - 1:04 PM

A METHOD FOR HIGH-PURITY SEPARATION OF PROMETHIUM-147 BASED ON NEODYMIUM

Speaker

Gujin Kang

1:04 - 1:06 PM

SCALABLE β -RADIATION EXFOLIATION OF ZN-AL LDH: MECHANISTIC INSIGHTS INTO HIGH-FLUX NANOCOMPOSITE MEMBRANES

Speaker

Muhammad Adli Bin Nor Azman

1:06 - 1:08 PM

SUBSTANTIAL AMYLOID CLEARANCE IN PET IMAGING BUT MINIMAL COGNITIVE CHANGE AFTER SIX MONTHS OF LECANEMAB

Speaker

JEE HYANG JEONG

1:08 - 1:10 PM

DEVELOPMENT OF A GREEN COFFEE BEAN REFERENCE MATERIAL FOR MULTI-ELEMENTAL ANALYSIS

Speaker

Claudio Gonzaga

1:10 - 1:12 PM

OPTIMIZATION OF BEEF DIGESTION PROCEDURES FOR MULTIELEMENTAL DETERMINATION

Speaker

Letícia de Lima

1:12 - 1:14 PM

MONITORING OF GREENHOUSE GASES AND ISOTOPIC SIGNATURES IN URBAN CARBON CYCLES- A CASE STUDY IN GLIWICE, POLAND

Speaker

Barbara Sensuła

1:14 - 1:16 PM

BIOGEOCHEMICAL INVESTIGATION OF MANGROVE ECOSYSTEM TO GAUGE COASTAL ANOXIA AND ECOSYSTEM PROCESSES OF THE LAST 7800 CAL YEAR BP

Speaker

Anand Rajoriya

1:16 - 1:18 PM

RADHAWK: UAV FOR FAST-RESPONSE RADIOLOGICAL MAPPING

Speaker

Nedime Irem Elek

1:18 - 1:20 PM

INTEGRATION METHOD FOR DETERMINING THE POTENTIAL ALPHA ENERGY CONCENTRATION OF RADON AND THORON DECAY PRODUCTS IN AIR**Speaker**

Ms Agata Grygier

1:20 - 1:22 PM

SYNTHETIC ZEOLITES (3A, 4A, 5A, 13X, NaP1) AND THEIR APPLICATION IN REMOVING RADIUM AND BARIUM FROM WATER**Speaker**

Krzysztof Samolej

1:22 - 1:24 PM

INTEGRATED ENVIRONMENTAL RADIOACTIVITY MONITORING BY THE HEALTH PHYSICS GROUP AT LASA: THE EYE RAD NETWORK AND ^{137}Cs TRANSFER IN DAIRY SYSTEMS**Speaker**

Flavia Maria Groppi

1:24 - 1:26 PM

MEASURING TROPHIC TRANSFER OF CU INTO N. TRIANGULIFER FROM STORMWATER AND EFFLUENT SOURCES USING STABLE ISOTOPES**Speaker**

Timothy Vadas

1:26 - 1:28 PM

RADON EXHALATION CAMPAIGN TO ESTIMATE GREENHOUSE GAS EMISSIONS USING THE 'RADON TRACER METHOD'**Speaker**

Serena Mancini

1:28 - 1:31 PM

DERIVATION OF CROP TRANSFER FACTOR IN KOREA**Speaker**

Prof. Kwang Pyo Kim

1:31 - 1:33 PM

NEUTRONIC FEASIBILITY STUDY OF DUAL-COOLED ANNULAR DUPLEX $\text{PuO}_2\text{-ThO}_2$ FUEL FOR NEXT-GENERATION PW-SMRS: ASSEMBLY LEVEL ANALYSIS**Speaker**

Prof. Ouadie kabach

1:33 - 1:35 PM

TOWARDS MORE SUSTAINABLE ADVANCED RECYCLING OF SPENT NUCLEAR FUEL**Speaker**

Massimiliano Federico Silvio Tentorio

1:37 - 1:39 PM

EVALUATION AND MITIGATION OF PERSONNEL RADIATION EXPOSURE DURING RADIOISOTOPE PRODUCTION AT RESEARCH REACTORS

Speaker

Tracy Tipping

1:39 - 1:41 PM

OUTPUTS FROM EURAMET PROJECT 21GRD09 - MetroPOEM

Speaker

Mr Simon Jerome

1:41 - 1:43 PM

DEVELOPMENT OF A COMPACT SPHERICAL RADIATION DETECTOR WITH ISOTROPIC SENSITIVITY FOR ENVIRONMENTAL MONITORING APPLICATIONS

Speaker

Mr Jeonghoon Lee

1:43 - 1:45 PM

RECONSIDERING THE LINEAR NO-THRESHOLD MODEL: EVIDENCE OF ADAPTIVE RESPONSES FOLLOWING LOW-DOSE IONIZING RADIATION EXPOSURE

Speaker

Nada Alsufyani

1:45 - 1:47 PM

RAPID ANALYSES OF URANIUM AND THORIUM MOLTEN CHLORIDE SALTS FOR REACTOR SAFEGUARDS

Speaker

Dr Paige Abel

1:47 - 1:49 PM

LISE MEITNER AND THE DISCOVERY OF NUCLEAR FISSION: A CASE OF MEMORY IN SCIENCE

Speaker

Luisa Loviseti

1:49 - 1:51 PM

CASE STUDIES ON APPLICATION OF RADIATION DOSE ASSESSMENT PROGRAM

Speaker

Prof. Kwang Pyo Kim

1:51 - 1:53 PM

ROCKRAD: AN EDUCATIONAL TOOL FOR THE MEASUREMENT OF ROCK RADIOACTIVITY

Speaker

Ghulam Hasnain

1:53 - 1:55 PM

DESIGN OF A NaI(TI)-BASED RAPID SEAFOOD RADIOACTIVITY INSPECTION SYSTEM

Speaker

Ms Sunlee Shin

1:55 - 1:57 PM

DOSE ASSESSMENT OF IONIZING RADIATION THROUGH RADIOSENSITIVE PROTEIN IGFPB3 IN MICE

Speaker

Jufang Wang

1:57 - 1:59 PM

SCAR TECHNOLOGY APPLICATION FOR RADIOCARBON MEASUREMENTS IN PHARMACEUTICAL RESEARCH

Speaker

Luca Varricchio

1:59 - 2:01 PM

MOCK YTTRIUM-90 GLASS SPHERE STANDARDIZATION FOR NUCLEAR MEDICINE APPLICATIONS

Speaker

Raphael Galea

2:29 PM