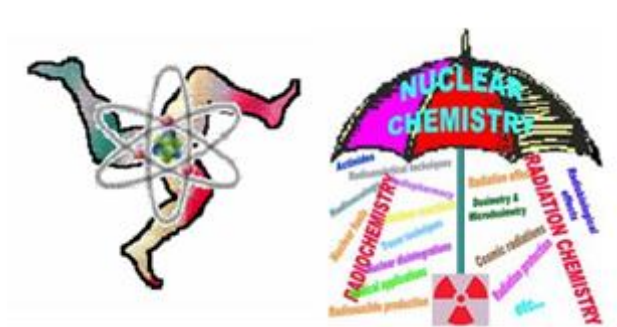


## Session Program

**18-23 Sept 2011**



### 3rd-INCC

## Poster Section 2

Città del Mare, Terrasini - Palermo - Sicily - Italy

## Thursday 22 September

17:30

### Poster Section 2

**Poster Session** | **Location:** Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

#### **A new radiofluorination method of select fluor as a new and effective F-18 fluorinating reagent**

**Speaker**

Mrs Gülcen Ünak

#### **An automated production of Cu-64 on 18/9 MeV cyclotron**

**Speaker**

Prof. Pavol Rajec

#### **Ascertainment of changes in thyroid hormones metabolism in white adipose tissue by radiometric enzyme assays**

**Speaker**

Dr Stanislav Pavelka

#### **Characterisation of a Cu selective resin for use in the production of Cu isotopes for medical purpose**

**Speaker**

A. Bombard

#### **Evaluation of Y-90 labeled PANAM dendrimers of the 1st and 4th generations**

**Speaker**

Prof. Milan Laznicek

#### **Hyaluronic acid labeled with radioiodine: Optimization of labeling procedure and preclinical evaluation**

**Speaker**

Dr Alice Laznickova

#### **Nanozeolites as carriers for radium radionuclides.**

**Speaker**

Prof. Aleksander Bilewicz

#### **Radiolabeling of insuline with fluorine-18 using a new radiofluorination technique**

**Speaker**

Mrs Cigdem Cetin

#### **Reactor Production of Cu-64 by (n,p) reactions on Zn targets in Dhruva Research Reactor for radiopharmaceutical studies**

**Speaker**

Mr vimalnath nair

#### **Synthesis and characterization of novel asymmetrical M(III) (M = Re, Tc-99g) complexes as models for the development of new potential tracers for SPECT imaging and radiotherapy**

**Speaker**

Dr Nicolò Morellato

**[<sup>188</sup>Re(N)(cys~)(PNP)]<sup>+</sup>/0 mixed ligand compounds as models for the development of target specific agents****Speaker**

Prof. Alessandro Dolmella

**A recoil method for Be-7 radiolabelling of nanoparticles****Speaker**

Ms Izabela Cydzik

**Adsorption of Cs(I) on Densely Crosslinked Poly(sodium methacrylate) from Aqueous Solutions****Speaker**

Dr Cemal OZEROGLU

**Americium and samarium determination in aqueous solutions after separation by cation-exchange****Speaker**

Mrs Tasoula Kiliari

**Comparison of metal accumulation in tree bark and soil from urban parks in São Paulo city, Brazil****Speaker**

Dr Ana Maria Figueiredo

**Correlation study of air pollution and cardio-respiratory system diseases through NAA of atmospheric pollutant biomonitor****Speaker**

Dr Mitiko Saiki

**Distribution of heavy metals in fish tissues of the Tepuxtepec Dam, Mexico****Speakers**

Dr Graciela Zarazua, Prof. Trinidad Martinez

**Determination of Sr-90 and Pb-210 in freshwater fish in Austria****Speaker**

Claudia Landstetter

**Determination of short-lived radionuclides in neutron-activated urban atmospheric Particulate Matter****Speaker**

Dr Pasquale Avino

**Instrumental Neutron Activation Analysis applied to multielement determination in lettuce grown in phosphate treated contaminated soil****Speaker**

Dr Mitiko Saiki

**Kinetic and thermodynamic analysis for the absorption of U(VI) on the crosslinked polyester resin with acrylic acid from aqueous solutions****Speaker**

Dr Cemal OZEROGLU

**Metal and trace element assessment of Tietê river sediments, São Paulo, Brazil****Speaker**

Deborah FAVARO

**Microspheres with an ultra high holmium content for brachytherapy of malignancies****Speaker**

Dr MARIANGELA BURGOS M. de AZEVEDO

**Native and transplanted lichen and bark as air pollution biomonitors at three different meteorological conditions****Speaker**

Dr Maria do Carmo Freitas

**Radiolabelling of nanoparticles for life-cycle studies****Speaker**

Dr Karsten Franke

**Relationship between size distribution of radiation-induced aerosol particles and the deposited energy to the air in high-energy proton irradiation.****Speaker**

Mr Naoyuki OSADA

**Separation of Cu-61 from alpha particle irradiated cobalt target by LLX****Speaker**

Prof. Susanta Lahiri

**Separation of Ra, Ba and Pb for determination of Ra-226 by isotope dilution alpha spectrometry and Pb-210 by liquid scintillation spectrometry****Speaker**

Dr Gyula Kis-Benedek

**Total Diet Study: Mg and Mn content estimation of a Market Basket of São Paulo state (Brazil) by Instrumental Neutron Activation.****Speaker**

Dr Vera Akiko Maihara

**U, Th and other element evaluation in wild mushroom from a naturally high radioactive region in Brazil****Speaker**

Dr Vera Akiko Maihara

**Basic information about nuclear power energy to mexican citizens****Speaker**

Dr Manuel Navarrete

**Social representation and Nuclear Chemistry educational****Speaker**

Deborah Favaro

**Calibration protocol of Fricke-gel layers for absolute dose measurements in radiotherapy.**

**Speaker**

Dr Roberta Guilizzoni

**Characterization of radioactive waste from a PET cyclotron facility by gamma spectroscopy****Speaker**

Dr Ignazio Vilardi

**Compare plutonium isotopes activity in humans bones on the area where only global fallout was present and the area where Global and Chernobyl fallouts were present.****Speaker**

Mr Kamil Brudecki

**Development and characterisation of a new miniaturised detector for in vivo dosimetry in HDR brachytherapy.****Speaker**

Prof. Grazia Gambarini

**EBT2 radiochromic films for absolute dose measurements in radiotherapy: prototype of an innovative system for their analysis****Speaker**

Dr Nicole Mantaut

**Experimental cross sections for Be-7 production in Al, Si, Mg and C by deuteron irradiations up to 50 MeV****Speaker**

alex hermanne

**Fabrication and thermo-mechanical characterization of HEMA grafted UV photo-cured biodegradable chitosan film****Speaker**

Mr Kamol Dey

**Gamma-ray spectroscopic characterization of radioactive preparation for production process validation in a PET cyclotron facility****Speaker**

Dr Ignazio Vilardi

**In-vivo dosimetry in HDR brachytherapy with Fricke-gel catheters: preliminary results****Speaker**

Prof. Grazia Gambarini

**In-vivo dosimetry in prostate HDR brachytherapy with thermoluminescence detectors (TLDs)****Speaker**

Dr Simone Alessandro Grisotto

**Natural radionuclides content and radon exhalation rate from brazilian phosphogypsum piles****Speaker**

Dr Marcia Pires de Campos

**Rare earth elements in phosphogypsum and phosphate fertilizers in Brazil****Speaker**

Dr Barbara Paci Mazzilli

**Radiological dose assessment of naturally occurring radioactive materials in concrete building materials****Speaker**

Prof. amran majid

**The production and isolation of Cu-64 after production by the bombardment of a natural Zn target****Speaker**

Prof. Tjaart Nicolaas (Nico) van der Walt

**Automated fusion methodology for the rapid dissolution of airborne actinides****Speaker**

Prof. Dominic Lariviere

**Radiometric enzyme assays for iodothyronine deiodinases****Speaker**

Stanislav Pavelka

**Radioionidation of tyrosine by the use of exchange reaction****Speaker**

Mrs Gözde Sarican

**New method for Sc-47 production in nuclear reactor Maria at Świerk****Speaker**

Ms Barbara Bartos

19:00