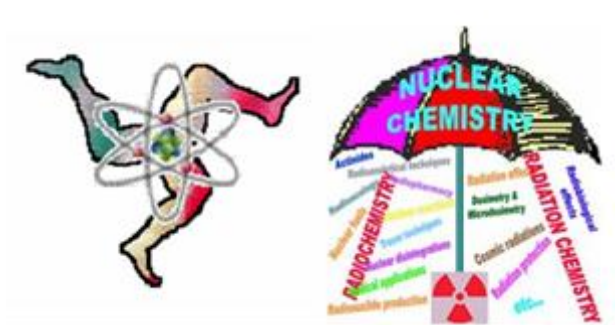


Session Program

18-23 Sept 2011



3rd-INCC

Poster Section 1

Città del Mare, Terrasini - Palermo - Sicily - Italy

Monday 19 September

17:30

Poster Section 1

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

A sequential procedure for determining Pu-238, Pu-(239+240), Am-241, Sr-90 activities in human bones obtained from joint replacement surgery

Speaker

Mrs Ewa Tomankiewicz

Aging effects on kinetic properties in palladium-tritium system during tritium storage

Speakers

Mr Jie Du, Mr Zhi Zhang

Application of the CL resin to the separation and determination of Cl-36 and I-129 in environmental and decommissioning samples

Speaker

Dr Aude Bombard

Chemical composition of urban soils in the vicinity of steel industry

Speaker

Prof. Elisabete De Nadai Fernandes

Development of an original radiochemical protocol in a view of Sn-121m and Sn-126 measurements in Low and Intermediate Level Nuclear Wastes

Speaker

Dr Celine Gautier

Elemental characterization of bread and durum wheat by INAA

Speaker

Dr Maria do Carmo Freitas

Implementation of the k0-standardization method for analysis of geological samples at the Neutron Activation Analysis Laboratory, São Paulo, Brazil

Speaker

Dr Ana Maria Figueiredo

Design and construction of an equipment for the radiochemistry process of molecules marked for the sector health

Speaker

Dr Alanis José

Natural radionuclides and Cs-137 in marine sediments from open and semi-enclosed gulfs, lagoons and fjord-like environments in Greece

Speaker

Prof. Helen Papaefthymiou

Potassium concentrations and annual effective dose of the most customary-consumed foodstuffs in Mexico as a cultural heritage

Speaker

Prof. Alejandro Ramírez

Secure and certify studies to work on production of "spiked" plutonium**Speaker**

Prof. Prof.Dr.Mr.Ashraf Elsayed Mohamed Mohamed

Study of states of uranylphosphates and uranylarsenates of monoacid, divalent and trivalent elements in water-salt heterogeneous systems**Speaker**

Dr Oxana Nipruk

Study of the firing temperature of Marajoara Archaeological ceramics by electron paramagnetic resonance associated to INAA data**Speaker**

Ms Kelly Nunes

Synthesis and study of uranyl orthovanadate (UO₂)₃(VO₄)₂·4H₂O**Speaker**

Ms Anna Eremina

Removal of volatile, organic iodines from vented containment gas streams by wet-scrubbing during severe nuclear accidents**Speaker**

Mrs Sabrina Tietze

Study of lactose uptake rate by immobilized kefir cells during whey fermentation, using C-14 labelled lactose**Speaker**

Aristidis golfinopoulos

The effect of humic acid on the formation and solubility of secondary solid phases of polyvalent metal ions**Speaker**

Dr Stella Antoniou

The granular sorbents for passive environment protection system during severe accidents with total loss of power supply at NPPs**Speaker**

Prof. Sergey Kulyukhin

The thermal decomposition of CH₃I₃ in a gas flow**Speaker**

Prof. Sergey Kulyukhin

The effect of aging and natural organic matter on the Th(OH)₄ solubility**Speaker**

Ms Melpomeni Prodromou

Uranium in dog foods commercialized in Brazil**Speaker**

Ms Camila Elias

Evaluation of cobalt bis(dicarbollide) ion derivatives with attached metal chelating groups for their use in nuclear waste treatment

Speaker

Dr Maria Bubenikova

Deep purification of uranium extract from technetium

Speaker

Mr Vitaly Vidanov

Precipitation and purification of uranium from rock phosphate

Speaker

Mr ELSHAFFEEA ABOWSLAMA

Fukushima fallout at Milano, Italy

Speaker

Prof. ALEXANDRA IOANNIDOU

Lu-177g produced with high specific activity by deuteron irradiation for metabolic radiotherapy

Speaker

Simone Manenti

Baseline background radiation dose and risk assessment study due to natural radionuclides in the edible biota of Domiasiat, Meghalaya

Speaker

Kumar Niranjana

Comparison of composition of lechatelierites in moldavites and silica phytoliths

Speaker

Jan Kameník

EDXRF determination of heavy metals in the soil of an urban plot in Mexico City

Speaker

Prof. Juan Lartigue

Natural radionuclides, stable elements concentration and study of bioactive components of Peperomia pellucida

Speakers

Mr Fabio Vitorio SUSSA, Dr Paulo Sergio Cardoso SILVA

Neutron and photon activation analyses of anomalous phonolites from Lusatian Mountains in Bohemian Massif, Czech Republic

Speaker

Dr Zdeněk Řanda

Recent sedimentation rates and trace elements determined in cores from Pantanal, Mato Grosso do Sul, Brasil

Speaker

Dr Sandra Damatto

Test of isotopic exchanges between O-18 and O-16 when oxygen-18 enriched water contacts with air oxygen

Speaker

Mrs Selen Ekim

The distribution of I-131 in the fractionated dust in the ground layer of air in central Poland**Speaker**

Mr Paweł Grabowski

Unconventional component of parent materials of moldavites**Speaker**

Dr Jiří Mizera

Uranium in ground water samples of Northern Greece**Speaker**

Prof. ALEXANDRA IOANNIDOU

In soil radon measurements to characterize fault systems**Speaker**

Dr Gabriella Mangano

Physico-chemical investigation of heterogeneous equilibria in the saturated aqueous solutions of uranyl silicates of the alkaline elements**Speaker**

Ms Natalya Godovanova

Plutonium, americium and radiocesium in coastal sediments of the Cuban island, in the Caribbean Sea**Speaker**

Dr José Antonio Corcho Alvarado

Passive biomonitoring study for trace elements in oysters *Crassostrea brasiliana* (Lamarck, 1819: Mollusca, Bivalvia) in São Paulo State coastal sites, Brazil (25°00'-23°56'S, 47°25'-45°19'W)**Speakers**

Dr Eduinety Sousa, Dr Marília Semmler, Dr Marina Vasconcellos

Limiting transport properties of lanthanide and actinide ions in water. Hydration number and hydrolysis phenomena.**Speaker**

Prof. Habib Latrous

Low-level gamma spectroscopy measurements of air samples in Austria after the Fukushima accident**Speaker**

Dr Andreas Musilek

Metallographic and XPS analyses of deposits from steam generator**Speaker**

Ms Jana Petrů

Classification of igneous rocks from Paraguay by INAA**Speaker**

Prof. Juan F Facetti-Masulli