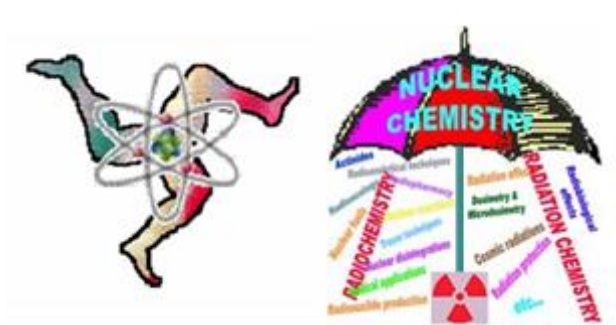


## Session Program

**18-23 Sept 2011**



### 3rd-INCC

## Session 14

Città del Mare, Terrasini - Palermo - Sicily - Italy

## Friday 23 September

11:00

### Session 14: Radioanalytical Chemistry and Nanoparticles

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

11:00–11:20

#### **Simultaneous speciation analysis of arsenic, antimony and selenium in natural waters by HPLC, SPE and solvent extraction coupled to neutron activation**

**Speaker**

Prof. Amares Chatt

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

11:20–11:40

#### **The present role of radiochemical neutron activation analysis (RNAA) for determination of essential and toxic trace elements in biological materials as-compared with ICP-MS and AAS**

**Speaker**

Prof. Jan Kucera

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

11:40–11:55

#### **Ultra sensitive measurements of Th-232 in copper by RNAA**

**Speakers**

Dr Andrea Salvini, Dr Massimiliano Clemenza

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

11:55–12:10

#### **Total and bioaccessible fractions of trace elements in cultivated oyster tissues by INAA, PIXE and ICP-MS**

**Speaker**

Dr Michiko Fukushima

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

12:10–12:25

#### **Determination of Tc-99 in seaweed sample by ICP-MS**

**Speakers**

Keliang Shi, Xiaolin Hou

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini

12:25–12:40

#### **A nuclear measurement technique for comparison of the washing machine detergent qualities used on the market**

**Speaker**

Mrs Selen Ekim

13:00

**Location**

Città del Mare, Terrasini - Palermo - Sicily - Italy, Paladini