

2nd International Workshop on Application of the Ionizing Radiation & Nuclear Analytical Techniques in Industry, Medicine and Environment at High Performance

Advanced Topics

- Theory: Principles & Requirements for Testing Performance
 - Approaches according to the ISO standards and guides (applications in analytical laboratories)
 - Fitness-for-purpose statistical quantities & criteria for evaluating results from ILC/ PT exercises
- Radionuclide metrology supporting high quality performance in applications of the Ionising Radiation and Nuclear Analytical Techniques
- Use of CRMs to prove Laboratory performance
- Experimental results from ILC /PT exercises in IR and NAT applications (Fields: environmental, water & food analysis, materials analysis, radiation Dosimetry)
- Performance based on PT of methods, equipment and personnel in nuclear analytical laboratories
- New methods /techniques and instruments envisaging performance and evaluation
- New information stemming from ILC /PT exercises in the nuclear field
- Support of National and International Accreditation Services and Metrology Institutes in improving performance

Fields of applications envisaged by the Workshop: radionuclide metrology, gamma-, alpha-, beta- ray spectrometry, NAA, ionizing radiation dosimetry, applications in other nuclear techniques and XRF spectrometry.

Organized by: • **Horia Hulubei National Institute of Nuclear Physics and Engineering**
with support of: • **National Authority for Scientific Research**

Endorsed by: • MEcC - ANCS • RomNA • CNCAN • RENAR  • INM

In cooperation with



and supported by



Local Organizing Committee:

Phys. Olivia Comsa - EURATOM Counsellor, ANCS, Dept. of European Integration & International Cooperation

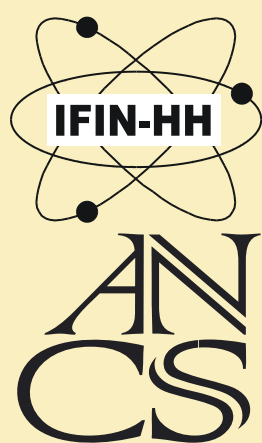
Dr. Ioan Ursu - Scientific Secretary of IFIN-HH

Dr. Emanuela Cincu - Workshop Director (IFIN-HH, "ACTIVA-N" Lab)

Drd. Ioana Manea - Workshop Secretary (IFIN-HH, "ACTIVA-N" Lab)

Financial Manager: Ec. Alexandra Olteanu

Full team: Sibila Brancovici, Mariana Cristofan, Ioan Lucian Cazan, Luminita Mischie, Mihaela Zodila, Carmen Cristache, Magdalena Toma



Contact:

Tel: +(4021) 404 23 73

+ (4021) 404 23 00

Fax: +(4021) 457 44 40

<http://nuclearpt-2007.nipne.ro/>

**(6)7-9 October 2007
Bucharest, ROMANIA**

Hotel Ramada Majestic