



**The Abdus Salam
International Centre for Theoretical Physics**



1833-31

**Workshop on Understanding and Evaluating Radioanalytical
Measurement Uncertainty**

5 - 16 November 2007

Future plans of ALMERA (2008-2009)

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ALMERA

Analytical Laboratories for the Measurement of Environmental Radioactivity

Future Plan (2008-2009)

Umberto Sansone
IAEA's Laboratories Seibersdorf (Austria)

ICTP, Trieste, Italy
5-7 November 2007



IAEA

Atoms for Peace: The First Half Century
1957-2007



Proficiency Tests

2008

1. **Gamma emitting radionuclides in soil & water**
2. **NORM in phosphogypsum**
3. **Ra-226 in water ?**
4. **Air Filter ?**



2009

1. **Gamma emitting radionuclides in soil & water**
2. **NORM & artificial radionuclides in moss soil**
3. **Ra-226 in water ?**
4. **Air Filter ?**



Other Requests

- **Feasibility study to identify reference site for in-situ gamma spectrometry in asia-pacific region (KINS)**
- **Characterization of site**
- **Intercomparison exercise**

- **Collaboration of ALMERA members in characterization**
- **APAT support**





Reports

1. 2007 PT on Po-210
2. 2007 PT on gamma emitting radionuclides
3. Soil sampling exercise
4. 4th coordination meeting (ICTP)
5. Asia-Pacific regional meeting (December 2007)
6. Working Group on rapid methods (Sr-90 in milk)
7. Questionnaire
8. Review paper on Ra-226 determination in water
9. Review paper on Pu by alpha spectrometry
10. Recommended procedure on Pu rapid methods





ALMERA meetings

Asia-Pacific regional meeting (10-12 December 2007)

To review and discuss the existing method for Sr-90 in milk and to select the most suitable candidate methods to be then proposed to the ALMERA Members



The **2008 annual coordination meeting** with the ALMERA members will take place in **Rio de Janeiro (Brazil)** at the Instituto de Radioprotecao e Dosimetria of the Brazilian National Nuclear Energy Commission (IRD-CNEN).



See you in Rio de Janeiro in 2008

