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الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

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National Liaison Officer

2016-07-20

**Subject:** Invitation to a Regional Workshop on Interlaboratory Exercise on Determination of Surface Contamination by Handheld Equipment, Budapest, Hungary, 18-22 January 2017 (Interlaboratory Exercise: November 2016, Data Evaluation Workshop: 18-22 January 2017)

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned workshop under the framework of TC Project RER/7/008, "Strengthening Capabilities for Radionuclide Measurement in the Environment and Enhancing Quality Assurance/Quality Control System for Environmental Monitoring". The purpose of the workshop and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Budapest, Hungary and provide Daily Subsistence Allowance (DSA) for the duration of the workshop in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Carmina Jimenez De Bergant (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 16 September 2016.

Yours sincerely,

Martin Krause

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

# International Atomic Energy Agency

## Workshop and Interlaboratory Exercise on Determination of Surface Contamination by Handheld Equipment

### PROSPECTUS

- Project Number & Title:** RER/7/008: Strengthening Capabilities for Radionuclide Measurement in the Environment and Enhancing QA/QC System for Environmental Monitoring
- Place (City, Country):** Budapest, Hungary
- Dates:** Interlaboratory Exercise: **November 2016**  
Data Evaluation Workshop: **18-22 January 2017**
- Deadline for Nominations:** **16 September 2016** (*Date is in line with the below time schedule*)
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Hungary through the National Food Chain Safety Office
- Host Country Organizer:** Timea SEBESTYEN,  
National Food Chain Safety Office  
24. Keleti Karoly Street  
1024 Budapest  
Hungary  
E-mail: SebestyenT@nebih.gov.hu
- Language:** English
- Purpose:** The purpose of the workshop is to provide an opportunity to exchange the experience and knowledge in the field of determination of surface contamination. The selected participants will be involved in an inter-laboratory exercise on determination of surface contamination for pure beta emitter, alpha emitter and mixed source. In addition, the surface set to be dispatched, will contain one QC sample with specified activity values. Using the QC sample, the IAEA will provide an instruction to check the existing calibration of the contamination monitor. The participants will need to identify the type of the surface contamination (alpha, beta or mixed).. After closing the reporting period, the results will be evaluated against the target values. The evaluation will be introduced and discussed during the workshop according to the applied detection methods.
- Expected Output(s):** The workshop will enable the participants to exchange their experience about the measurement of surface contamination, the characteristics of the

available equipment and the disturbing effects due to the quality of the contaminated surface. During the workshop there will be an opportunity to identify the most appropriate detection method, to establish the quality control options and to outline the application limits.

**Scope and Nature:**

The inter-laboratory exercise will take place over a one month data reporting period (November 2016). In January 2017 there will be a five day workshop for discussing the applied measurement technique. The participants are kindly asked to share their method in the frame of a short presentation of maximum 3-5 slides.

In addition, the organisers are welcome to make any presentation in the following subjects:

- Related ISO standards and recommendations in measurement of surface contamination
- Possible detection methods
- QC in surface control monitoring and calibration
- Case studies

The workshop materials and presentations will be shared on electronic media in agreement with the authors.

**Background Information:**

The course is organised to support the interest expressed by many European laboratories to develop their laboratory safety and nuclear emergency preparedness.

**Participation:**

The exercise and workshop is open to up to 32 participating laboratories, from the European region and relevant partners. Priority will be given to beginner laboratories, which have dedicated role in the nuclear emergency preparedness.

Time schedule:

Preparation of the surfaces:	end of September
Control measurements:	end of October
Sample dispatching:	beginning of November
Reporting deadline:	end of November
Workshop, data evaluation:	18-22 January 2017

**Participants' Qualifications:**

The participant laboratories should have experience in basic radioanalytical techniques and/or spectrometry.

**Nomination Procedure:**

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project,

Ms Carmina Jimenez de Bergant (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **16 September 2016**.

**Administrative  
and Financial  
Arrangements:**

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Budapest, Hungary, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the workshop, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.