



Regional Training Course on Recent Advances in Receptor Models for Source Identification and Apportionment of Air Particulate Matter

Hosted by

The Government of Slovenia

through the

Jozef Stefan Institute

Ljubljana, Slovenia

20 – 24 May 2019

Ref. No.: TN-RER7011-1807582

Information Sheet

Purpose

The purpose of the event is to train participants and provide hands-on training in using advanced statistical tools for source apportionment in air pollution studies and transfer knowledge on recent advances in receptor models for source identification and apportionment of Air Particulate Matter (APM) and Positive Matrix Factorization (PMF) and the event will include theoretical presentations by experts complemented by hands on practical sessions on interpretation of results collected by the participants

Working Language(s)

The working language(s) of the event will be English.

Deadline for Nominations

Nominations received after **15 March 2019** will not be considered.

Scope and Nature

The event aims to develop theoretical and technical/practical capacity in the participating Member States in terms of: 1) data validation of results on black carbon, major ions and chemical elements analysed in APM, constrains and new methods to estimate uncertainties, 2) explain the contribution of nuclear analytical and complementary techniques for characterization and speciation of air particulate matter, 3) discussion on improvements in PMF application, similarities differences and improvements comparing PMF to other factor analysis techniques for source apportionment, and 4) Analysis of trajectories and PSCF.

Participation

The event is open to **25** participants from Member States.

Each country is invited to nominate one participant who must match the profile described in the corresponding paragraph, indicating the order of priority.

Participants' Qualifications and Experience

The event is intended for participants with an academic background at least equivalent to a Bachelor's degree in Physics, Chemistry and Engineering or higher (PhD) with experience in environmental analytical studies or to environmental assessment specialists working in air quality projects. Participating countries are encouraged to submit candidates who are both directly and heavily involved with the implementation of the RER/7/011 activities.

The participants should be capable of freely expressing themselves in English and following discussions.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the IAEA TALEO page (<https://iaea.taleo.net/careersection/ex/jobsearch.ftl>) and complete the Candidate Profile.
2. Be registered on the Nucleus page of the IAEA (<https://nucleus.iaea.org/>).
3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab) (<https://nucleus.iaea.org/Pages/InTouchPlus.aspx>).

NOTE: The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.

4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:
 - a. select the institute / organization that he/she works at / represents ('My Institute' section);
 - b. click on the link called '**Refresh Personal History Form**' to update the system, *otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates* ('IAEA Recruitment Platform' section).

NOTE: Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.

5. In the InTouch+ platform (<https://intouchplus.iaea.org>), in the 'Applications' tab, search by the event number provided in the invitation.

The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under the following links: [how-to guide](#) and [training videos](#). Any issues or queries related to the new system can be addressed to InTouchPlus.Contact-Point@iaea.org or TC-AIPS-PL4.Contact-point@iaea.org.

Should this not be possible, applicants may download the Nomination Form for the TN from the IAEA website <https://www.iaea.org/services/technical-cooperation-programme/how-to-participate>.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

Administrative and Financial Arrangements

Nominating authorities will be informed in due event of the names of the candidates who have been selected, and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event 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 event, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring,

inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

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Subsequent correspondence on scientific matters should be sent to the Programme Management Officer and correspondence on other matters related to the meeting to the Administrative Contact.