

PROSPECTUS
RAF6051/004

- Title:** **Regional (AFRA) Training Course on Infection and Oncologic Imaging using Hybrid Imaging Technologies (SPECT/CT and PET-CT) ADVANCED COURSE (English)**
- Place:** Pretoria, South Africa
- Date:** 27 November to 1st December 2017
- Deadline for nominations:** 31 August 2017
- Organizers:** The International Atomic Energy Agency in cooperation with the Government of South Africa
- Language:** The language of instruction will be **English**.
- Participation:** The training course is open to 25 participants from AFRA Member States.
- Target countries:** AFRA Member States participating in project RAF/6051.
- Purpose of the course:** The training course covers the advances principles and application of molecular imaging (SPECT/CT and PET/CT) for the accurate diagnosis in relevant oncologic and infectious (bone and HIV mainly) diseases
- The lectures will provide advanced theoretical knowledge in the improvement of the diagnostic nuclear medicine.
- Participants' qualifications and experience:** The nominees should be qualified Nuclear Medicine physicians, with advanced skills in nuclear medicine diagnostic applications.
- Nature of the course:** The experts will discuss the clinical utility and relative value with emphasis on the protocols to be used in the above conditions will be one of the core learning points of this training course.
- Format: Lectures and Interactive discussion sessions covering approaches in nuclear medicine from streamlined and emerging approaches. These lectures should provide theoretical grounding in the improvement of Nuclear medicine Services to achieve the following:
- a) Comprehensive knowledge of Epidemiology, Causes, risk factors, clinical manifestations/symptoms of cancers.
 - b) The role of nuclear medicine in diagnosis of relevant oncologic and infectious (bone and HIV mainly) diseases.
 - c) Review the different established and emerging imaging nuclear medicine protocols and nuclear techniques in the evaluation and management of cancer and infectious (bone and HIV mainly) diseases.
 - d) Establishing protocols for preparation and quality control of various radiopharmaceuticals and radiation safety.

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Application procedure:

Nominations should be submitted on the standard IAEA application form for training courses. Completed forms should be endorsed by and returned through the established official channels (the Ministry of Foreign Affairs, the National Atomic Energy Authority or the office of the United Nations Development Programme). They must be received by the International Atomic Energy Agency, P.O. Box 100, A-1400, Vienna, not later than **1 September 2017**. Nominations received after that date or applications which have not been routed through one of the aforementioned channels cannot be considered.

Advance nominations by facsimile (+43-1-26007) or e-mail (Official.Mail@iaea.org) are welcomed. The facsimile/e-mail should contain the following basic information about the candidate(s): name, age, sex, academic qualifications, present position including exact nature of duties carried out, proficiency in English, and full working address (including telephone and fax numbers and e-mail) to enable the IAEA to make preliminary evaluation of the candidates. In the case of countries in which English is not an official or customary language, **nominations must be accompanied by a separate certificate of the candidate's proficiency in English**. This certificate must be issued by a language school or cultural institution, or an embassy of a country in which the language of the course is spoken.

Additional requirements:

It is recommended that all nominations should be accompanied by separate certificates of the candidate's satisfactory completion of the UN "Basic Security in the Field" (BSITF) and "Advanced Security in the Field" (ASITF) courses. These interactive courses are available on CD-ROM and can be taken at the office of the National Liaison Officer of the nominating Member State. The courses are available on the following UN websites by using Microsoft Internet Explorer:

BSITF: <http://dss.un.org/BSITF/>
ASITF: <http://dss.un.org/ASITF/>

Once the candidate has completed the course and passed the accompanying exam, a certificate will be generated automatically and must be printed for submission to the IAEA. No travel to the training course will be authorized before receipt of the certificate. A copy of the certificate should be kept by the candidate for his/her records, as the same certificate is valid for any UN-related travel for a period of three years. Kindly contact us if there is any difficulty in accessing the course or any problems related to this course are encountered.

Administrative and financial arrangements:

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

During their attendance at the course, participants from countries eligible to receive technical assistance will be provided by the IAEA with a stipend sufficient to cover the cost of their accommodation, food, and minor incidental expenses. The IAEA will also provide the participants with a round-trip air ticket, economy/excursion class, from their home countries to **Pretoria, South Africa** and return. Shipment of accumulated course materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the course 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 course, 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.