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### Conference web page

[http://www-pub.iaea.org/iaea meetings/43045/  
International-Conference-on-Integrated-Medical-Imaging](http://www-pub.iaea.org/iaea meetings/43045/International-Conference-on-Integrated-Medical-Imaging)

# International Conference on Integrated Medical Imaging in Cardiovascular Diseases (IMIC 2013)

**30 September – 4 October 2013**  
**Vienna International Centre**  
**Vienna, Austria**

### Organized by the



### In cooperation with (in alphabetical order):

American Society of Nuclear Cardiology (ASNC)  
Asian Regional Cooperative Council for Nuclear Medicine (ARCCNM)  
Australian and New Zealand Society of Nuclear Medicine (ANZSNM)  
European Association of Nuclear Medicine (EANM)  
Society of Nuclear Medicine and Molecular Imaging (SNMMI)  
Society of Radiopharmaceutical Sciences (SRS)  
World Federation of Nuclear Medicine and Biology (WFNMB)

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Appropriate Use Criteria  
Clinical Protocols  
Quality Management  
SPECT PET MR CT ECHO

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## Background and objectives

The IAEA has been applying many approaches for capacity building in Member States to allow them to utilize medical imaging technologies optimally. These approaches have included training courses, fellowships, expert missions and conferences, to name a few. In November 2011, the International Conference on Clinical PET and Molecular Nuclear Medicine (IPET-II-2011) was organized to improve the understanding of clinical PET and molecular nuclear medicine among Member States. This was held at the IAEA's Headquarters in Vienna, Austria, and was extremely well received by Member States. 350 participants from all over the world benefited from this conference. Using a similar model, an International Conference on Integrated Medical Imaging in Cardiovascular Diseases (IMIC 2013) has been planned.

The conference will cover developments in the entire spectrum of activities related to medical imaging as applied to cardiovascular diseases (CVDs).

The conference will have the following objectives:

- To evaluate the current status of medical imaging, including SPECT, PET, echocardiography, CT and MRI, in the management of CVDs;
- To reflect on challenges faced in developing countries;
- To deliver supporting know-how via continuing medical education programmes in the field, including information on the relative merits and limitations of each imaging modality;
- To improve the performance of clinical practice through 'read with the experts' sessions and workshops;
- To interact with users (nuclear physicians, radiologists, cardiologists, technologists, radiographers, radiopharmacists, radiochemists, medical physicists and other scientists working in all aspects of CVD management) and provide them with state of the art information in the field;
- To exchange information on current advances in the field among leading clinical scientists from developed and developing countries;
- To identify future challenges and trends, as well as the role of the IAEA and other international organizations in addressing these.

## List of topics

Both academic and practice based papers under the umbrella of the following topics are welcome:

- Member State experience with SPECT, PET, echocardiography, CT and MRI in the management of CVDs;
- Use of hybrid imaging or integrated imaging in CVD management;
- Setting up an integrated imaging facility;
- Radiopharmaceutical production using cyclotrons and radionuclide generators — including good manufacturing practice and quality assurance aspects — with special reference to imaging agents for CVDs;
- Issues of medical physics, instrumentation and image processing and analysis related to CVD imaging;
- Quality management, quality control, quality assurance and audits in integrated medical imaging and nuclear medicine practice;
- Radiation protection for personnel and dose reduction for patients;
- Training and education in integrated medical imaging.

## Programme structure

The opening session will take place in the morning of Monday, 30 September 2013. The scientific programme will feature a mix of plenary talks, 'how to' sessions, workshops, discussions, and 'read with the experts' sessions on various topics of interest in integrated imaging as used in the management of CVDs. Each day will feature continuing medical education sessions covering selected topics of general interest to all participants, in particular providing an overview of the clinical applications of various modalities and pinpointing all the aspects involved in modern integrated imaging practice. After lunch, breakout sessions for clinicians, physicists, technologists, radiopharmacists and radiochemists will be conducted in parallel. The clinical sessions will include a main lecture and a related 'read with the experts' session. The radiopharmacy, physics, and instrumentation sessions will include workshops on selected topics. The programme will conclude each day with a plenary session to review and wrap up the topics discussed during the day.

## Target audience

This conference will offer an opportunity to review the latest exciting developments in the field of integrated medical imaging as applied to CVDs. The target audience includes nuclear medicine physicians, radiologists, cardiologists, radiochemists/radiopharmacists, medical physicists and technologists/radiographers.

## Key deadlines

Submission of Form B and abstract (maximum 500 words):  
**1 March 2013**

Submission of Form C (grant application for eligible participants):

**1 March 2013**

Notification of acceptance of abstract:

**30 April 2013**

Submission of full paper (only upon request by the IAEA):

**1 July 2013**

## Paper submission

Abstracts must be submitted to: [imic2013@iaea.org](mailto:imic2013@iaea.org)

## Registration

No registration fee is charged.

Please use Form A for registration, Form B for abstract submission and Form C for grant application, as appropriate.

Participants not submitting an abstract should still submit Participation Form A to the IAEA through the appropriate authority as soon as possible. For further details please see the conference web page (URL overleaf).

## Working language

The working language of the conference will be English.