

CONFERENCE SECRETARIAT

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Conference web page

[http://www-pub.iaea.org/iaea meetings/50808/
International-Conference-on-Integrated-Medical-
Imaging-in-Cardiovascular-Diseases-IMIC2016](http://www-pub.iaea.org/iaea meetings/50808/International-Conference-on-Integrated-Medical-Imaging-in-Cardiovascular-Diseases-IMIC2016)

Please include reference number
IAEA-CN-243 in all communications.

International Conference on

Integrated Medical Imaging in Cardiovascular Diseases

(IMIC 2016)

Vienna, Austria
10–14 October 2016

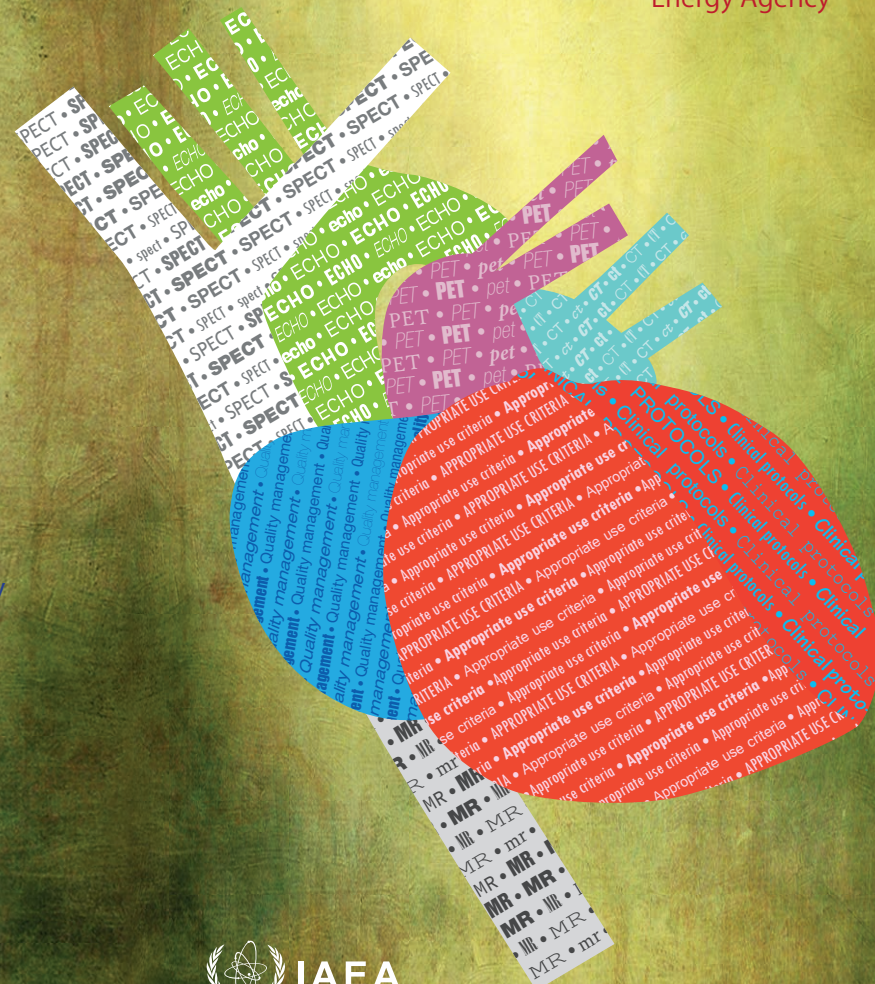
Organized by
the International Atomic
Energy Agency

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BACKGROUND AND OBJECTIVES

The first International Conference on Integrated Medical Imaging in Cardiovascular Diseases (IMIC 2013) held at the IAEA Headquarters in Vienna, Austria, gathered over 240 participants from more than 70 Member States and had the support of 12 professional organizations. Building on the success of this conference, IMIC 2016 will focus on the most recent advances in the use of integrated medical imaging in the management of CVDs and support the professional development in order to strengthen the capacities of Member States to tackle 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 all professionals involved in the management of CVDs and provide them with state-of-the-art information on this field;
- To exchange information on current advances in the field among leading clinical scientists from developed and developing countries; and

- To identify future challenges and trends, as well as the role of the IAEA and other professional organizations in addressing these.

LIST OF TOPICS

Both academic and practice based papers in the following areas 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 practices 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; and
- Ethic, leadership and education in integrated medical imaging.

TARGET AUDIENCE

Professionals involved in the practice of medical imaging in CVDs including: nuclear medicine physicians, radiologists, cardiologists,

radiochemists/radiopharmacists, medical physicists, technologists/radiographers and other practitioners and scientists working in all aspects of medical imaging.

KEY DEADLINES

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| 31 March 2016 | Electronic submission of the abstracts (including Forms A and B) |
| 31 March 2016 | Submission of grant applications (Forms A and C) |
| Mid May 2016 | Notification of acceptance of abstracts |

Any participant not submitting a paper should still submit the Participation Form A through the appropriate authority as soon as possible (see conference webpage for further details).

ABSTRACT SUBMISSION

Abstracts must be submitted in electronic format through the IAEA's browser-based file submission system available at the conference web page.

REGISTRATION

No registration fee is charged.

LANGUAGE

The conference will be held in English.