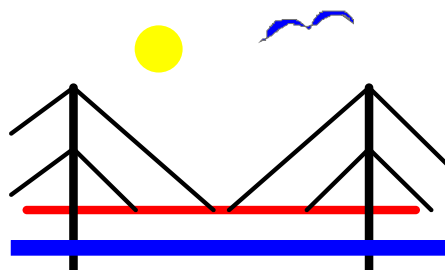


Optimisation in X-ray and Molecular Imaging 2020

First Announcement



**Gothenburg, Sweden
20-22 April 2020**

Welcome to Gothenburg!

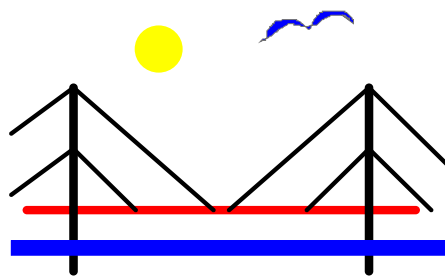
The planning of *Optimisation in X-ray and Molecular Imaging 2020* is in progress. The conference will cover a wide area of research related to optimisation of medical imaging and is intended for a broad audience of medical physicists, radiologists, nuclear medicine physicians, engineers, radiographers and biomedical scientists, as well as representatives for authorities and manufacturers. There will be a number of invited keynote speakers covering current research aspects. The conference will be held at Conference Centre Wallenberg at University of Gothenburg, close to Sahlgrenska University Hospital, Gothenburg, Sweden.

OXMI 2020 is the 5th in a series of scientific conferences focusing on optimisation of medical imaging, with special emphasis on image quality evaluation and radiological protection. Previous conferences have been held in Malmö, Sweden (1999, 2004, 2009) and Gothenburg (2015).

Contributions in the following areas are welcome:

- Optimisation in radiology and nuclear medicine
- Assessment of clinical images and observer performance studies
- Recent technological developments and their clinical impact
- Patient dosimetry and reference doses/activities
- Occupational exposure
- Physical measurements and quality assurance programs
- Modelling procedures
- AI and Deep learning in medical imaging
- Image display, monitors and their environment
- Education and training

The conference will include a commercial exhibition.



General information

Abstract Submission

The deadline for abstracts is 2 December 2019. An abstract template will be found on the conference website. Notification of acceptance will be given before 31 January 2020.

Proceedings

The proceedings of the conference will be published in Radiation Protection Dosimetry. Manuscripts must be submitted in English and comply with the "Instruction for Authors", which will be sent to the authors together with the notification of acceptance for presentation at the conference. Publication of the manuscripts will be subject to peer review.

Conference Venue

Gothenburg is the second largest city in Sweden with about 500 000 inhabitants. It is located on the west coast of Sweden, well known for its beautiful archipelago, culinary attractions and strong industrial history.

The conference will be held at Conference Centre Wallenberg at University of Gothenburg, a modern, centrally located, and flexible multi-function venue for conferences, meetings and events. The Conference Centre Wallenberg is located close to Sahlgrenska University Hospital.

The international airport in Gothenburg is Gothenburg Landvetter Airport (GOT).

Conference Secretariat / Website

Dughult of Sweden
Gamla Almedalsvägen 29
412 63 Gothenburg
SWEDEN

Phone: +46 31 778 38 00

E-mail: info@oxmi2020.org

Website: www.oxmi2020.org (opens 1 June 2019)

The conference language is English.

Accommodation

A list of hotels in different price ranges will be found on the conference website.

Registration

The registration form and registration fee must be received by 1 March 2020, by the conference secretariat.

The registration fee will cover the scientific programme, book of abstracts, proceedings, lunches, get-together party, and conference dinner.

Students, with an accompanying letter from their supervisor, will be able to register at a special student fee.

Additional information will be available on the conference website.

Social Programme

A get-together party will be held on Sunday 19 April 2020. The conference dinner is on Tuesday 21 April 2020.

Local Organizing Committee

Jonny Hansson, chair
Emma Eliasson, co-chair
Charlotta Lundh, co-chair
Magnus Båth
Johanna Dalmo
Jakobína Grétarsdóttir
Maria Hultenmo
Jehangir Khan
Maria Larsson
Esmaeil Mehrara
Maral Mirzai Beni

Patrik Sund
Angelica Svalkvist
Anne Thilander-Klang
Eleonor Vestergren
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Scientific Committee

Magnus Båth, Gothenburg, chair
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Angelica Svalkvist, Gothenburg, co-chair
Christoph Hoeschen, Magdeburg, DE
Åse Johnsson, Gothenburg

Charlotta Lundh, Gothenburg
Sören Mattsson, Malmö
Michael Moores, Liverpool, GB
Lars Gunnar Månsson, Gothenburg
Anne Thilander-Klang, Gothenburg
Anders Tingberg, Malmö
Eleonor Vestergren, Gothenburg

Others to be confirmed