



Second Announcement

Optimisation in X-ray and Molecular Imaging 2025

Gothenburg, Sweden

28-30 April 2025

**Extended deadline for abstracts
18 December 2024**

Welcome to Gothenburg!

Optimisation in X-ray and Molecular Imaging 2025 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 and a commercial exhibition.

Invited speakers:

Manuel Bardies, Institut de Recherche en Cancérologie de Montpellier, Montpellier, France

- *Implementing EFOMP PS19 in real life: tomorrow or long term objective?*
- *Clinical dosimetry software: from the Early Ages to present approaches*

Mika Kortensniemi, HUS Medical Imaging Center, University of Helsinki, Helsinki, Finland

- *New ICRP publication on optimization in radiology*

Elizabeth Krupinski, Emory University, Atlanta, USA

- *AI in the Radiology Reading Room – One Size Fits All or One Size Fits None?*
- *When Focus Fades: How Fatigue Affects Radiology and Patient Outcomes*

Cynthia H. McCollough, Mayo Clinic, Rochester, USA

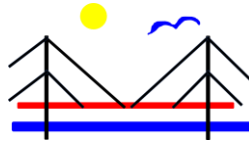
- *Photon counting detector CT and its translation to clinical practice*
- *Optimization of abdominal CT protocols using a channelized hotelling observer and online software tool*

Michael Schöll, University of Gothenburg, Gothenburg, Sweden

- *Advancements in the imaging-based assessment of Alzheimer's disease*

Contributions in the following areas are welcome:

- All aspects of optimisation in X-ray and molecular imaging
- Assessment of clinical images and observer performance studies
- Recent technological developments and their clinical impact
- Patient dosimetry and reference doses/activities
- Occupational exposure and radiation protection
- Physical measurements and quality assurance programs
- Modelling procedures
- AI and Deep learning in medical imaging
- Image display, monitors and their environment
- Education and training



General information

Abstract Submission

The extended deadline for abstracts is 18 December 2024. An abstract template can be found on the conference website. Notification of acceptance will be given before 31 January 2025.

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 600 000 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).

Sustainability

The participants are encouraged to consider the environmental impact of their travel and to stay at hotels located near public transports and identified to be committed to environmental improvement.

Conference PCO / Website / Contact

Mötesservice, University of Gothenburg

Website:

www.oxmi2025.com

For questions related to registration

Email: info@motesservice.gu.se

For other questions

E-mail: oxmi2025@vgregion.se

Accommodation

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

Registration

The early bird registration fee is 6000 SEK. The fee covers the scientific programme, proceedings, lunches, coffee and conference dinner.

For early bird registration fee, the registration form must be received by the conference PCO no later than 23 February 2025. Late registration fee is 7500 SEK (deadline 29 March 2025).

Full-time students are able to register at a special student fee of 4000 SEK (early bird registration) or 5000 SEK (late registration).

Additional information is available on the conference website. All prices are excl. of Swedish VAT at 25%.

Social Programme

The conference dinner is on Tuesday 29 April 2025.

Previous conferences in the series

The conference is the 6th 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) and online (2020).

Local Organizing Committee

Angelica Svalkvist, chair
Johanna Dalmo, co-chair
Åke Jägervall, co-chair
Magnus Båth
Dieudonne Daba
Andreas Engström
Rolf Heckemann
Maria Hulstenmo
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Michael Moores, Liverpool, GB
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