

GENERAL INFORMATION

Venue

Austria Center Vienna
Bruno-Kreisky-Platz 1
1220 Vienna | Austria

Conference website

www.medical-physics2021.com

Conference chairs

Univ.-Prof. Dr. DI Dietmar Georg
Medical University of Vienna
University Department of Radiation Oncology

ao. Univ.-Prof Dr. DI Wolfgang Birkfellner
Medical University of Vienna
Center for Medical Physics and Biomedical Engineering

Deadlines

Submission deadline topic sessions 10 March 2021

Abstract submission deadline 31 March 2021
*Please note that the deadline
presumably will not be extended!*

Early-bird registration deadline 30 June 2021

Submission of a topic session

In addition to the abstract submission, you have the opportunity to submit your own session (60–90 minutes). Submission is possible until 10 March 2021. You can find further information as well as the submission form on the conference website www.medical-physics2021.com.

Conference organisation

Conventus Congressmanagement & Marketing GmbH
Alexandra Meier
Telephone +49 3641 31 16-373
medicalphysics2021@conventus.de
www.conventus.de

AWARDS AND TRAVEL GRANTS

Within the conference, a number of prizes and travel grants will be awarded. You can apply for the following awards:

ÖGMP award for the best scientific abstract



From all of the abstracts submitted, the best contribution will be evaluated and selected by the scientific committee and the conference chairs.

Dissertationspreis of the DGMP



funded by PHILIPS Market DACH GmbH

The *Dissertationspreis* is awarded for an outstanding PhD thesis in the field of medical physics. You can submit applications via the DGMP office (office@dgmp.de) until 15 June 2021.

Dietrich-Harder-Masterarbeitspreis of the DGMP



funded by PTW-Freiburg

The *Dietrich-Harder-Masterarbeitspreis* is awarded for an outstanding master thesis in the field of medical physics. You can submit applications via the DGMP office (office@dgmp.de) until 15 June 2021.

Young Investigator Award of the DGMP



funded by SIEMENS Healthineers

In the context of the abstract submission, authors can apply for the *Young Investigator Award*. Among the applications and submissions, the best abstracts will be selected in order for the corresponding authors to present them within the Young Investigator Forum of the conference. An expert panel will then evaluate the presentations and select the winner of the *Young Investigator Award*.

Poster awards of the DGMP



funded by ELEKTA GmbH, PTW-Freiburg and VARIAN Medical Systems GmbH

During the poster sessions, the three best posters will be selected.



Travel grants of the DGMP



funded by Canon Medical Systems and PHILIPS Market DACH GmbH, Healthcare



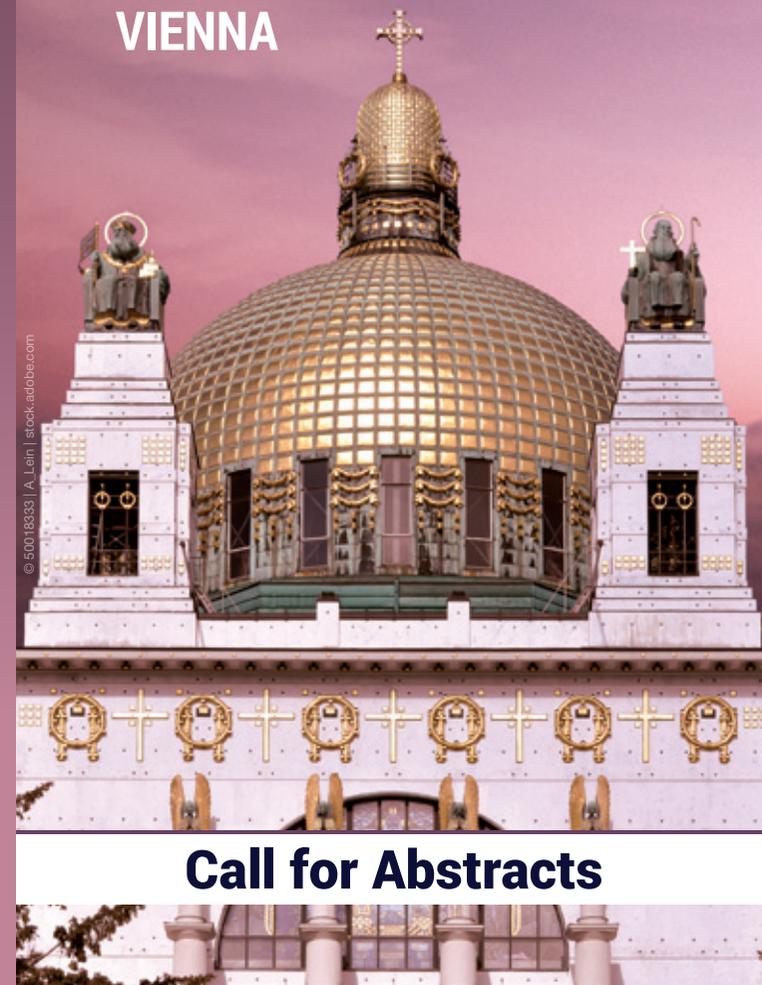
The DGMP awards 12 travel grants (8 funded by Canon Medical Systems and 4 funded by PHILIPS Market DACH GmbH, Healthcare) to applicants to support them to take part in the annual conference. Please find further information on the conference website www.medical-physics2021.com.

Joint Conference of the ÖGMP, DGMP & SGSMP

Dreiländertagung der Medizinischen Physik



19–22 September 2021
VIENNA



Call for Abstracts

Dear colleagues,
Dear friends of medical physics,

Given the situation in 2020, the annual DGMP meeting could only take place virtually. We are thus very much looking forward to welcoming you in person in Vienna in 2021. After 2017, this year's conference will take place as a Joint Conference of the ÖGMP, DGMP & SGSMP again, this time under the scientific governance of the ÖGMP. Therefore, we are more than happy to welcome you to the Austria Center Vienna from 19–22 September 2021.

Exciting days with various highlights await us. In each branch of medical physics we are experiencing a digital evolution, which we aim to reflect in our four-day programme. Thus, we are especially welcoming abstract submissions on automation, artificial intelligence and how to clinically implement these techniques. In our well-established tradition, other abstract topics aim to embrace the full spectrum of medical physics, ranging from ionising to non-ionising radiation for imaging and therapy, radiation protection as well as quality assurance.

Based on the very positive response and feedback of last year's meeting, we will put emphasis on a larger range of practical courses and integrated several hands-on workshops as well as on refresher courses. Scientific meetings, poster sessions and plenary lectures are, as usual, further enriched by the Forum Young Medicine Physics, which includes a multifaceted programme on its own.



Dietmar Georg

Wolfgang Birkfellner

Our beautiful city of Vienna also has a lot to offer and is always worth a visit. The spirit of Vienna is characterised by the architecture of buildings around the Vienna Ringstrasse from the Wilhelminian period, but also by the Baroque and Art Nouveau. The historical city centre as well as the Schönbrunn Palace are today part of the UNESCO World Cultural Heritage. The Schönbrunn Palace, the Vienna Imperial Palace, the Spanish Riding School and the Sissi Museum should not be missed when sightseeing.

We are very much looking forward to meeting you in Vienna!
Best regards,

Dietmar Georg and Wolfgang Birkfellner
Conference Chairs

**See you in
Vienna!**



Main topics

- 1 Multimodal and Hybrid Imaging – Current Research and Clinical Applications
- 2 Quantitative Molecular Imaging
- 3 Dosimetry in Precision Photon Radiotherapy
- 4 Dosimetry in Particle Therapy and FLASH Irradiation
- 5 Dosimetry in Nuclear Medicine
- 6 Adaptive Radiotherapy – Imaging Applications
- 7 Adaptive Radiotherapy – Treatment Planning
- 8 Adaptive Radiotherapy – Automation
- 9 Magnetic Resonance Imaging Guided Radiotherapy
- 10 Magnetic Resonance Technology and Applications
- 11 Dose Optimisation in X-Ray Based Imaging
- 12 Deep Learning in Medical Imaging
- 13 Deep Learning in Radiation Oncology
- 14 Radiation Protection, Quality Assurance and Risk Management in Radiology and Nuclear Medicine
- 15 Radiation Protection, Quality Assurance and Risk Management in Radiation Oncology
- 16 Medical Optics and Optical Coherence Tomography
- 17 Translational Biophotonics
- 18 Audiology
- 19 Free Topics

Submission of talks and posters is possible on the conference website via www.medical-physics2021.com. Please note that the conference language is English. However, submissions in German are also accepted.

REGISTRATION

You can register on the conference website via www.medical-physics2021.com. Registration is possible starting in spring 2021. Early-bird registration will be available until 30 June 2021.