

## GENERAL INFORMATION

Venue  
digital

### Conference website

[www.medical-physics2021.com](http://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. Mag. Wolfgang Birkfellner  
Medical University of Vienna  
Center for Medical Physics and Biomedical Engineering

### Deadlines

Submission deadline topic sessions 31 March 2021

Abstract submission deadline 14 April 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 31 March 2021. You can find further information as well as the submission form on the conference website [www.medical-physics2021.com](http://www.medical-physics2021.com).

### Conference organisation

Conventus Congressmanagement & Marketing GmbH  
Alexandra Meier  
Telephone +49 3641 31 16-373  
[medicalphysics2021@conventus.de](mailto:medicalphysics2021@conventus.de)  
[www.conventus.de](http://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](mailto: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](mailto: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](http://www.medical-physics2021.com).

# Joint Conference of the ÖGMP, DGMP & SGSMP

## Dreiländertagung der Medizinischen Physik



19–22 September 2021  
DIGITAL

© 2021 18233 ALem | [stuck.at@abe.com](mailto:stuck.at@abe.com) / [freeph.com](http://freeph.com)



## Call for Abstracts



Dietmar Georg

Wolfgang Birkfellner

Dear friends of medical physics,

After the annual DGMP meeting in 2020 could only take place virtually, we were optimistic to welcome you all in Vienna this year. However, as the recent situation is still challenging and in order to cope with the current uncertainty for everyone involved, we decided to hold the Dreiländertagung 2021 virtually, too. Even though the pandemic does not allow us to get together in Vienna, we want to pursue our scientific and personal exchange. After 2017, this year's conference will again take place as a Joint Conference of the ÖGMP, DGMP & SGSMP, this time under the scientific governance of the ÖGMP. Therefore, we are more than happy to welcome you to our virtual Joint Meeting from 19–22 September 2021.

Exciting days with various highlights are ahead of us. In each branch of medical physics we are experiencing a digital evolution, which we aim to reflect in our programme. Thus, we are especially welcoming abstract submissions on automation, artificial intelligence and how to implement these technologies in a clinical setting. In our well-established tradition, other abstract topics aim to embrace the full spectrum of medical physics, ranging from ionising and non-ionising radiation for imaging and therapy to radiation protection and 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 as far as possible. Scientific meetings, poster sessions and plenary lectures are, as usual, accompanied by the Forum Young Medicine Physics, which includes a multifaceted programme of its own.

We are very much looking forward to meeting you virtually at this year's Dreiländertagung!

Dietmar Georg and Wolfgang Birkfellner  
Conference Chairs



© mRGE - Fotolia.com

## ABSTRACT SUBMISSION

### 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](http://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](http://www.medical-physics2021.com). Registration is possible starting in spring 2021. Early-bird registration will be available until 30 June 2021.