Chair

Prof. Dr. Claus Belka

Organizing committee

PD Dr. Stefanie Corradini stefanie.corradini@med.uni-muenchen.de

PD Dr. Dr. Christian Thieke christian.thieke@med.uni-muenchen.de

Administration / Registration

Nicole Nitzsche nicole.nitzsche@med.uni-muenchen.de

Attendance is free.

Please register via email to Mrs. Nitzsche, and also indicate in your email whether you would like to take part in the guided tour to the MR-linac and/or the dinner in the evening.

Accredited by



We applied for CME credits by Bayerische Landesärztekammer

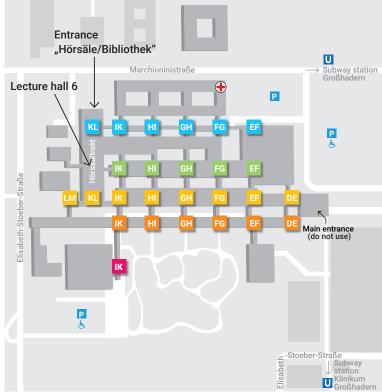
Venue

LMU Klinikum Großhadern Lecture Hall 6

Marchioninistraße 15 81377 München

Please use the entrance "Hörsäle/Bibliothek" (not the main entrance).
Position on Google Maps:

https://goo.gl/maps/FqeVTi9fn5bXW5fm9



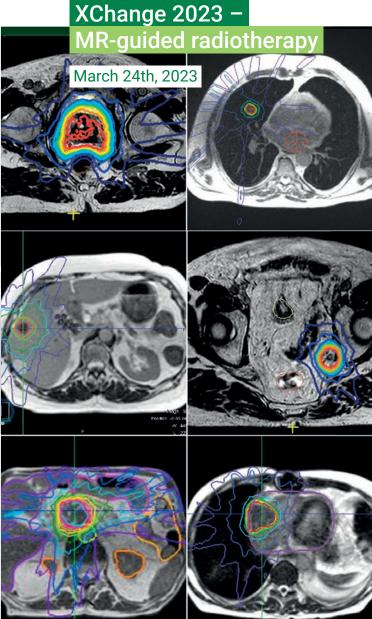
Sponsors





HT_2023_024







Dear colleagues!

I am pleased to invite you to the second edition of the XChange symposium, a platform for the presentation and discussion of scientific and clinical developments in radiation oncology.

The first XChange symposium was held in 2019 to mark the 10th anniversary of the redesign of the LMU Department of Radiation Oncology and resulted in a review paper on "the status and future of modern radiation oncology - from technology to biology".

This year, in 2023, we celebrate another anniversary:
The MR-Linac at the LMU Department of Radiation Oncology has been in clinical operation for 3 years and we now have treated over 600 patients with this machine.
We think this is an appropriate moment to meet again for an XChange symposium, this time to reflect on the achievements of MR-guided radiotherapy, and to discover and discuss future developments in this fascinating field which can be considered the leading edge of photon-based radiotherapy.

National and international experts in radiation oncology and physics will update us on the latest developments, and there will be ample room for discussion. Thanks to a generous sponsorship we are able to offer this symposium free of charge.

I am looking forward to meeting you in Munich, with kind regards,

Prof. Dr. med. Claus Belka

Program

- 3 -	
9:00	Reception (catering in front of lecture hall)
9:30	Welcome address C. Belka
)9:40	Welcome address M. Lerch
)9:45	Keynote V. Valentini, Rome
10:10	3 years MR-guided radiotherapy at LMU Munich S. Corradini, Munich
10:30	Coffee break
11:00	Physics Research at the MR-Linac in Munich G. Landry, Munich
11:20	MR Linacs and the holy grail of radiomics L. Boldrini, Rome
11:40	Functional imaging for response-adaptive MR-guided radiotherapy D. Thorwarth, Tübingen
12:00	Lunch break (catering in front of lecture hall)
12:45	Dose accumulation L. Wilke, Zürich
13:05	Artificial Intelligence and Imaging N. van den Berg, Utrecht
13:25	Adaptive pulmonary treatments J. Hörner-Rieber, Heidelberg
13:45	Coffee break
14:15	MRI-guided adaptive radiotherapy for prostate cancer A. Tree, London
14:35	Outlook - Physics Perspective K. Parodi, Munich
14:55	Outlook - Clinical Perspective F. Alongi, Verona
15:15	End of Symposium, Guided tour to the MR-Linac for interested participants
19:00	Dinner, Gasthaus zum Erdinger Weißbräu,

Heiglhofstraße 13, München

Speakers

- Prof. Dr. Filippo Alongi
 Head, Advanced Oncological Radiotherapy, IRCCS S. Cuore
 Don Calabria, Negrar-Verona
- Prof. Dr. Claus Belka
 Head, Dept. of Radiation Oncology, LMU University Hospital,
 Munich
- Prof. Dr. Nico van den Berg Head of Computational Imaging group for MRI diagnostics and therapy, UMC Utrecht
- Prof. Dr. Luca Boldrini
 Medical Director, COU Cancer Radiation Therapy, Agostino
 Gemelli University Hospital Foundation IRCCS, Rome
- PD Dr. Stefanie Corradini Lead Consultant, Dept. of Radiation Oncology, LMU University Hospital, Munich
- Prof. Dr. Guillaume Landry
 Head of Physics Research, Dept. of Radiation Oncology, LMU
 University Hospital, Munich
- Prof. Dr. Markus Lerch
 Physician-in-Chief and CEO, LMU University Hospital, Munich
- Prof. Dr. Juliane Hörner-Rieber
 Managing Consultant and Team Lead MRgRT, Dept. of Radiation Oncology, University Hospital Heidelberg
- Prof. Dr. Katia Parodi Head, Dept. of Medical Physics, LMU University, Munich
- Prof. Dr. Daniela Thorwarth
 Head of Section for Biomedical Physics, Dept. of Radiation
 Oncology, University of Tübingen
- Dr. Alison Tree
 Consultant Oncologist, The Royal Marsden Hospital and Honorary Faculty, ICR

Prof. Dr. Vincenzo Valentini

- Director, Dept. of Diagnostic Imaging, Oncological Radiotherapy and Hematology and COU Oncological radiotherapy, Agostino Gemelli University Hospital Foundation IRCCS, Rome
- Dr. Lotte Wilke
 Vice Head of Medical Physics, Dept. of Radiation Oncology,
 University Hospital Zürich