

Online registration

Please register via the following link:
https://eveeno.com/adaptive_rt



Registration Deadline: 15th November 2024

The event is free of charge, there are no participation fees.

Venue & Contact

Organizers & Contact:

University Hospital Tübingen
Department of Radiation Oncology
Prof. Maximilian Niyazi | Chair & Full Professor
Prof. Daniela Thorwarth | Biomedical Physics
Prof. Cihan Gani | Vice Chair
phone: +49 7071 29-82165
email: roinfo@med.uni-tuebingen.de

Venue:

University Hospital Tübingen | CRONA clinic (building 420)
Lecture hall, room 210, level 4
Hoppe-Seyler-Straße 3 | 72076 Tübingen



More information on directions:

<https://t.ly/-mhQM?r=qr>



We thank our sponsors for their kind support of this event:



1.500 €



1.000 €



700 €



500 €

Impressum

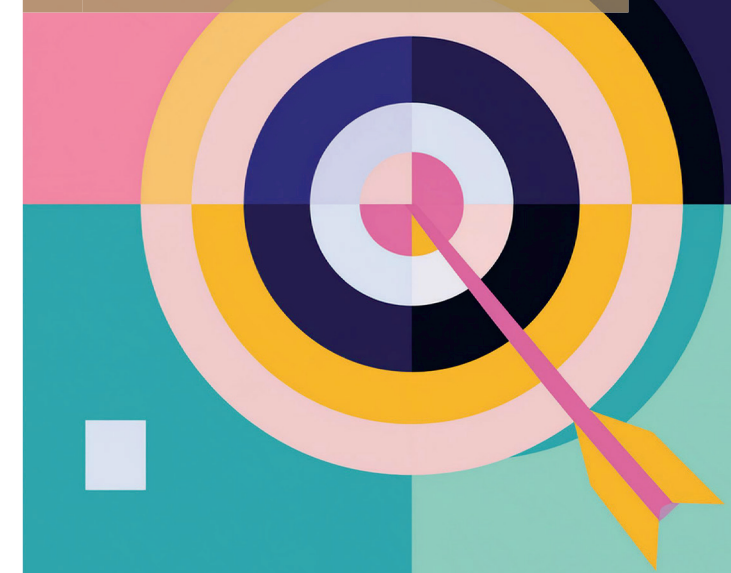
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Department of Radiation Oncology

Research Section Biomedical Physics



Nikolaus-Symposium

Adaptive Radiation Oncology

6th December 2024

09:00 – 13:00

University Hospital Tübingen



Universitätsklinikum
Tübingen

Welcome

Dear colleagues,

we cordially invite you to our symposium on adaptive radiation oncology on 6 December 2024 at the University Hospital Tübingen.

Image-guided adaptive precision radiotherapy and new technologies such as MR-linac and Ethos are milestones in our field. In addition to higher geometric precision with real-time adaptation, these new technologies also promise the integration of biological image information for biologically individualized radiotherapy.

Adaptive radiation oncology offers great opportunities for improving the treatments but poses also big challenges for medical physics and clinical research.

Our symposium is intended to be a platform for the interdisciplinary and cross-locational exchange with colleagues about this important development.

We look forward to welcoming you to our *Nikolaus-Symposium* in Tübingen.



Maximilian Niyazi



Daniela Thorwarth



Cihan Gani

Program

Friday, 6th December 2024

09:00 **Welcome**
M. Niyazi

Session 1
Chair: M. Niyazi

09:05 **Dose escalation for rectal cancer**
M. Intven

09:35 **5, 4, 3, 2, 1 – How many fractions for prostate cancer?**
A. Tree

10:05 **The MOMENTUM study**
L. Daamen

10:35 **MR-adaptive radiotherapy of cardiac malignomas**
S. Corradini

11:00 **Coffee break**

Session 2
Chair: D. Thorwarth

11:30 **ETHOS plus offline MR-Guidance: The Modular Adaptive Radiotherapy System**
F. Weykamp

12:00 **Comparison of online adaptive MR- versus CT-guided radiotherapy: A physics perspective**
I. Richter Vogelius

12:30 **The potential of AI for adaptive radiotherapy**
S. Tanadini-Lang

13:00 **Wrap-up & Get together**
M. Niyazi, D. Thorwarth, C. Gani

13:45 **Meeting DEGRO AG „Adaptive Strahlentherapie“**

Speakers

Stefanie Corradini, MD

Department of Radiation Oncology,
LMU Munich

Lois Daamen, MD, PhD

Division Imaging & Oncology, Clinical Trial Office,
UMC Utrecht

Martijn Intven, MD

Department of Radiation Oncology,
UMC Utrecht

Stephanie Tanadini-Lang, PhD

Department of Radiation Oncology,
Universitätsspital Zürich

Alison Tree, MBBS BSc FRCR MD(Res)

The Royal Marsden, London

Ivan Richter Vogelius, PhD, MD

Department of Clinical Medicine,
Rigshospitalet & University of Copenhagen

Fabian Weykamp, MD

Department of Radiation Oncology,
University Hospital Heidelberg

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