

Scientific Workshop on Adaptive Radiation Therapy

Funded by:

 **DAAD**

Deutscher Akademischer Austauschdienst
German Academic Exchange Service



**Dec. 14th - Dec. 15th
2023**
each day from 14.30 to 18.30 (Chile)
18.30 - 22.30 (CET/Germany)



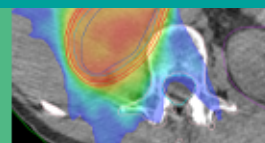
Hybrid Mode
online access
and on-site

Aula Magna
Av. Manquehue Norte 1410
Vitacura - Santiago



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Clínica Alemana

Scientific Workshop on Adaptive Radiation Therapy



GOALS

- To introduce the latest trends in radiotherapy, imaging, and immunology.
- To share knowledge and therapeutic strategies.
- To strengthen the ties between the German Cancer Research Center (DKFZ) and Clínica Alemana de Santiago (CAS).

TARGET GROUP

Radiation Oncologists, Medical Physics Experts, MT-Rs (Germany), Medical Technologists/Tecnólogos Médicos (Chile) and students or young scientists

ORGANIZED BY

Division of Medical Physics in Radiation Oncology
German Cancer Research Center (DKFZ)
Heidelberg University Hospital (UKHD)
Radiation Oncology Department
Department of Academic Development and Research
Clínica Alemana Santiago



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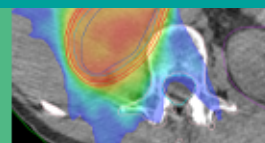
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COURSE LEADERS

Dr. Andrés Córdova

Head of Division
Radiation Oncology Department
Clínica Alemana Santiago
Santiago, Chile

Prof. Oliver Jäkel, PhD

German Cancer Research Center
Division of Medical Physics in Radiation Oncology
Professor for Medical Physics at the Medical
Faculty Heidelberg University
Heidelberg, Germany

INTERNATIONAL SPEAKERS

Vania Batista, PhD

Postdoctoral Researcher
and Medical Physics Expert (MPE)
University Hospital Heidelberg
Department of Radiation Oncology
Heidelberg, Germany

Prof. Oliver Jäkel, PhD

German Cancer Research Center
Division of Medical Physics in Radiation Oncology
Professor for Medical Physics at the Medical
Faculty Heidelberg University
Heidelberg, Germany

Sebastian Regnery, MD

Assistant Physician
University Hospital Heidelberg
Department of Radiation Oncology
Heidelberg, Germany

Niklas Wahl, PhD

Postdoctoral Researcher and Research
Group Leader: Radiotherapy Optimization
German Cancer Research Center, Division
of Medical Physics in Radiation Oncology
Heidelberg, Germany

Katharina Weusthof, MD

Assistant Physician
University Hospital Heidelberg
Department of Radiation Oncology
Heidelberg, Germany

Dr. Fabian Weykamp

Senior Physician
University Hospital Heidelberg
Department of Radiation Oncology
Heidelberg, Germany

Dr. Martin Niklas

Postdoctoral Research in the research group:
Advanced Image-Guided RadioTherapy
German Cancer Research Center
Division of Medical Physics in Radiation Oncology
Heidelberg, Germany

Prof. Daniela Thorwarth, PhD

Head of Research Section
University Hospital Tübingen
Clinic for Radiooncology
Research Section: Biomedical Physics
Tübingen, Germany



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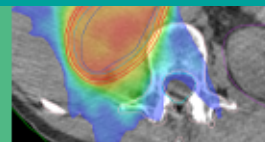
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PROGRAM

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THURSDAY, DEC. 14TH 2023

Time in Chile - Time in CET

14:00 - 14:30 18:00 - 18:30	Registration on site at CAS
14:30 - 14:45 18:30 - 18:45	Welcome and Introduction of the Topics Andrés Cordova
14:45 - 15:15 18:45 - 19:15	Conventional ART compared to MR guided ART Oliver Jäkel
15:15 - 15:45 19:15 - 19:45	Surface Guided Radiotherapy as input to Adaptive Radiation Therapy Vania Batista
15:45 - 16:00 19:45 - 20:00	Discussion Andrés Cordova
16:00 - 16:30 20:00 - 20:30	Coffee Break
16:30 - 17:00 20:30 - 21:00	Clinical example of adaptive workflows from Brachytherapy to Particle Therapy Vania Batista
17:00 - 17:30 21:00 - 21:30	Deep Inspiration Breath Hold (DIBH)/ Vision-RT Katharina Weusthof
17:30 - 17:55 21:30 - 21:55	ART at Ethos (online via Zoom) Fabian Weykamp
17:55 - 18:20 21:55 - 22:20	PUMA - a feasibility study for MRI guided radiotherapy of lung cancer (online via Zoom) Martin Niklas
18:20 - 18:30 22:20 - 22:30	Summarizing Discussion Andrés Cordova

*EL PROGRAMA PUEDE ESTAR SUJETO A MODIFICACIÓN



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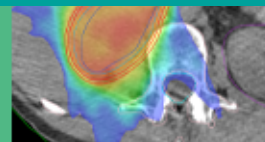
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FRIDAY, DEC. 15TH 2023

 Time in Chile - **Time in CET**

14:30 - 15:00	Response adaptive Radiotherapy based on PET imaging (online via Zoom)
18:30 - 19:00	Daniela Thorwarth
15:00 - 15:30	MR-Linac: Technology
19:00 - 19:30	Oliver Jäkel
15:30 - 16:00	Clinical Application of MR Linac
19:30 - 20:00	Sebastian Regnery
16:00 - 16:15	Discussion
20:00 - 20:15	Andrés Cordova
16:15 - 16:45	Coffee Break
20:15 - 20:45	
16:45 - 17:15	Status quo of ART in Particle Therapy
20:45 - 21:15	Oliver Jäkel
17:15 - 17:45	Robust Treatment Planning: Planning vs or with Adaptation
21:15 - 21:45	Niklas Wahl
17:45 - 18:30	Discussion Round: Challenges and Future Directions of ART All
21:45 - 22:30	On-site speakers

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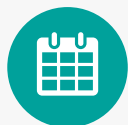
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COORDINATOR



Educación Continua DAI
educacioncontinuadai@alemana.cl

FEES

General Fee	\$30.000
Clínica Alemana Santiago, Universidad del Desarrollo, Hospital Padre Hurtado Residents	\$20.000
Online region and Foreigners	Free
Online Clínica Alemana Temuco	\$30.000
Clínica Alemana Valdivia	\$20.000

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