

Friday, 24 May

Registration	09:00		
Opening	10:20	Felix Heinmann, Paul Martin Putora	
Workflows and Data	10:30 - 12:00	Chair: Paul Martin Putora, Christoph Bert	
	10:30	Gerd Heilemann (Wien)	How we transformed our clinic to become more efficient by implementing web-based workflow solutions
	10:50	Frank Grozema (Geneva)	From Frustration to Innovation: Crafting Solutions for End-User Workflow Challenges
	11:10	Stefan Janssen (Hannover)	Apps in der Radio-Onkologie
	11:30	Michael Ehmann	Implementierung einer digitalen Nachsorge in der Strahlentherapie auf Basis eines standardisierten, einheitlichen, strukturierten, deutschsprachigen Nachsorgefragenkatalogs
	11:50	Nils Nicolay	Prospektive Studien zu ePROMs
Lunch Break	12:10-13:00		
Risk Management and Security	13:15 - 14:35	Chair: Samuel Peters, Nils Nicolay	
	13:15	Christoph Bert (Erlangen)	Risikomanagement in Radiation Oncology
	13:35	Peter Fischer (Luzern)	Business Continuity Management – rise like a phoenix
	13:55	Eric Messen (Antwerpen)	Cyberattack fallback scenario for a radiotherapy department
	14:15	Samuel Peters (St.Gallen)	Mitigation and management of cyberattacks from a radiotherapy perspective - an ESTRO project
Coffee Break	14:35-15:00		
Artificial Intelligence 1 - General	15:00 - 16:30	Chair: Fabio Dennstädt, Dimons Baltas	
	15:00	Marco Meinschad (Salzburg)	KI - was ist das eigentlich?
	15:20	Janna Hastings (St.Gallen)	Detecting and mitigating biases in multimodal generative models
	15:40	Jan Peeken (München)	Imaging-based Clinical Decision Support Systems in Radiation Oncology - The potential role of Artificial Intelligence
	16:00	Petros Kalendralis (Maastricht)	AI applications in radiation oncology-The role of the FAIR data principles
ISROI	16:30 - 17:00	Chair: Paul Martin Putora	
	16:30	Paul Martin Putora (St.Gallen)	General Information on ISROI
	16:40	Samuel Peters (St.Gallen)	Project Need for IT-Specialists
	16:45	Nikola Cihoric (Bern)	Projekt CDE

16:50 Fabio Dennstädt (Bern) Projekt CDSS and KnowledgeBase

Clinic Tour 17:15 Dimos Baltas (Freiburg), Felix Heinemann (Freiburg)

Social dinner 19:00

Saturday, 25 May

Artificial Intelligence 2 - Applications

08:30 - 10:00

Chair: Marco Meinschad, Nikola Cihoric

08:30 Fabio Dennstädt (Bern)

Using LLMs for data- and knowledge management in radiation oncology

08:50 Florian Putz (Erlangen)

KI-gestützte Zielvolumendefinition in der Strahlentherapie

09:10 Sara Vockner (Salzburg)

Optimised intraoperative radiotherapy treatment workflow using machine learning methods

09:30 Tobias Fechter (Freiburg)

Data Aspects in the Implementation of Deep Learning Based Image Segmentation

09:50 Elvis Ruznic (Salzburg)

ncRNAs as biomarkers for clinical outcome and toxicity in locally advanced NSCLC stage III

Coffee Break 10:20 - 10:40

Clinical Applications

10:30 - 12:00

Chair: Samuel Peters, Felix Heinemann

10:40 Mike Fröhlich (Singen)

SeDI – Einführung eines semantischen PACS zur Datenmigration von Pinnacle® zu Raystation®

11:00 Ilias Sachpazidis (Freiburg)

Eclipse Scripting in Focus: Applications in Radiation Oncology

11:20 Marcel Nachbar (Berlin)

Potential der Datenanalyse für die angewandte Strahlentherapie

11:40 Nikola Cihoric (Bern)

Common Data Elements

12:00 Lukas Marquardt (Freiburg)

Effizientes Management komplexer IT-Strukturen: Der Einsatz von Kubernetes im Bereich der strahlentherapeutischen Informatik

Discussion round

12:30 - 13:00

Chair: Samuel Peters, Felix Heinemann

Grand Challenges in RO-IT - and possible solutions?

Closing

13:15 Felix Heinemann, Samuel Peters