

## Radiation and Medical Physics Division Fachverband Strahlen- und Medizinphysik (ST)

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### Overview of Invited Talks and Sessions

(Lecture hall ZEU/0146)

#### Plenary Talk of ST

See PV for details.

PV VII Thu 9:00– 9:45 HSZ/AUDI **The role of artificial intelligence in modern radiation therapy —  
•GUILLAUME LANDRY**

#### Invited Talks

ST 4.1 Wed 14:00–14:20 ZEU/0146 **Innovationen in die Praxis bringen – die EXIST Gründungs-  
förderung — •ANTJE DEWITZ**

ST 4.2 Wed 14:20–14:40 ZEU/0146 **Development and Certification of an IGRT system — •CLAUS  
PROMBERGER**

ST 4.3 Wed 14:40–15:00 ZEU/0146 **Klinische Anwendung von Protonen-/Partikeltherapie — •ESTHER  
TROOST**

ST 10.1 Thu 17:30–18:00 ZEU/0146 **Online-adaptive particle therapy: Current status and vision for the  
future — •CHRISTIAN RICHTER**

#### Sessions

ST 1.1–1.6 Tue 11:00–12:30 GER/038 **Accelerators for Radiation Therapy (joint session ST/AKBP)**

ST 2.1–2.6 Tue 17:00–18:30 ZEU/0146 **Medical Imaging Concepts**

ST 3.1–3.3 Wed 11:00–12:30 ZEU/0146 **Poster Session**

ST 4.1–4.3 Wed 14:00–15:30 ZEU/0146 **DPG meets DGMP: Von der Idee bis zur klinischen Anwen-  
dung**

ST 5.1–5.6 Wed 15:50–17:20 ZEU/0146 **Physics and Technology for Radiation Detection**

ST 6 Wed 17:45–18:45 ZEU/0146 **Members' Assembly**

ST 7.1–7.3 Thu 11:00–12:30 HSZ/AUDI **AI Topical Day – Invited Talks (joint session  
AKPIK/HK/ST/T/AKBP)**

ST 8.1–8.6 Thu 14:00–15:30 ZEU/0146 **AI Topical Day – AI in Medicine (joint session ST/AKPIK)**

ST 9.1–9.6 Thu 15:50–17:20 ZEU/0146 **Radiation Therapy**

ST 10.1–10.1 Thu 17:30–18:00 ZEU/0146 **Keynote: Online-Adaptive Particle Therapy**

ST 11 Thu 18:00–18:15 ZEU/0146 **Prize Ceremony and Closing Session**

#### Members' Assembly of the Radiation and Medical Physics Division

Wednesday 17:45–18:45 Location: ZEU/0146