

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

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## Overview of Invited Talks and Sessions

(Lecture hall KH 01.013; Poster Redoutensaal)

### Plenary Talk

See plenary section for details.

PV XII    Thu    9:00– 9:45    AudiMax    **AI in the context of medical images — ●STEFAN WESARG**

### Invited Talks

ST 4.1	Wed	16:15–16:45	KH 01.013	<b>Introduction to modern nuclear medicine: almost one century of interdisciplinary innovations — ●STEPHAN NEKOLLA</b>
ST 4.2	Wed	16:45–17:15	KH 01.013	<b>Personendosimetrie in der Nuklearmedizin — ●FELIX BÄRENFÄNGER</b>
ST 4.3	Wed	17:15–17:45	KH 01.013	<b>Dosimetry in Targeted Radionuclide Therapy: Challenges, Concepts, and Perspectives — ●JOHANNES TRAN-GIA</b>
ST 5.1	Thu	11:00–11:30	KH 01.013	<b>Prompt-Gamma-Based Range Verification — ●BEATRICE FOGLIA</b>
ST 5.2	Thu	11:30–12:00	KH 01.013	<b>Carbon-ion radiotherapy monitoring with charged nuclear fragments — ●MARIA MARTISIKOVA, LAURENT KELLETER, REBEKKA KIRSCHGÄSSNER, PAMELA OCHOA, SEMI HARRABI, JAN JAKUBEK, OLIVER JÄKEL, JÜRGEN DEBUS</b>
ST 5.3	Thu	12:00–12:30	KH 01.013	<b>Radioactive ion beams for real-time PET-guided adaptive particle therapy — ●DARIA BOSCOLO FOR THE BARB COLLABORATION</b>
ST 5.4	Thu	12:30–13:00	KH 01.013	<b>Helium as a Range Probe in Carbon-Ion Therapy: From Concept to Mixed-Beam Experiments — ●LENNART VOLZ FOR THE PROMISE COLLABORATION</b>
ST 8.1	Thu	16:45–17:15	KH 01.013	<b>Healing Patients, Heating the Planet: Why Circularity Matters in Healthcare — ●KATHARINA HESELS</b>

### Sessions

ST 1.1–1.5	Tue	11:00–12:15	KH 01.013	<b>Medical Imaging</b>
ST 2.1–2.4	Tue	16:15–17:15	KH 01.013	<b>Detectors for Treatment Monitoring</b>
ST 3.1–3.7	Wed	13:45–15:30	KH 01.013	<b>Detectors for Medical Applications</b>
ST 4.1–4.3	Wed	16:15–17:45	KH 01.013	<b>DPG meets DGMP: Dosimetry in Nuclear Medicine</b>
ST 5.1–5.4	Thu	11:00–13:00	KH 01.013	<b>Focus Session: Range Verification in Particle Therapy</b>
ST 6.1–6.5	Thu	14:15–15:45	Redoutensaal	<b>Poster Session</b>
ST 7.1–7.2	Thu	16:15–16:45	KH 01.013	<b>Radiation Therapy</b>
ST 8.1–8.1	Thu	16:45–17:15	KH 01.013	<b>Keynote Session</b>
ST 9	Thu	17:15–17:45	KH 01.013	<b>Prize Ceremony and Closing Session</b>
ST 10	Thu	17:45–18:45	KH 01.013	<b>Members' Assembly</b>

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

Thursday 17:45–18:45 KH 01.013