

- 15:15–16:15 **Strahlentherapie III**
 Vorsitz A. Hoffmann (Dresden)
- P 149 Investigation of dynamic treatment beam geometries in stereotactic radiosurgery for intracranial lesions involving couch motion and their quality control procedures
I. Brück, A. Gawish, M. J. Eble (Aachen)
- P 150 Towards clinical quality assurance of deformable image registration for each individual patient – scientific visualization for exploring uncertainties
K. Giske, H. Teske, K. Bartelheimer (Heidelberg)
 R. Bendl (Heidelberg, Heilbronn)
- P 151 Combined PET-MR guided focused ultrasound and radiation therapy to improve treatment of cancer
L. Landgraf, D. Xu, X. Zhang, I. Patties, M. Unger, J. Berger, S. Hu (Leipzig)
 L. Koi, A. Hoffmann (Dresden), M. Fournelle
 S. Tretbar (Sulzbach, St. Ingbert), T. Neumuth, A. Melzer (Leipzig)
- P 152 Development and implementation of 3D-dosimetric end-to-end tests in adaptive radiation therapy of moving tumors
P. Mann, M. Witte, T. Moser, C. Lang, A. Runz, W. Johnen (Heidelberg)
 J. Biederer (Heidelberg, Darmstadt), C. P. Karger (Heidelberg)
- P 153 Planning strategies and practical implementation of the cardiac dose reduction in left-sided breast irradiation with the deep inspiration breath hold (DIBH) method – comparison of 3D planning and VMAT planning
L. Wagner, A. Fahrig, T. Koch (Bamberg)
- P 154 COMPASS-NRW – a dosimetry initiative of the regional section west of the DGMP (RSW-DGMP) to verify dynamic irradiation techniques
U. Heinrichs (Aachen), E. Beckers (Krefeld), A. Block (Dortmund)
 I. Brück (Aachen), S. Garbe (Bonn), L. Günther (Wuppertal)
 S. Ibsi (Dortmund), K. Jurianz (Krefeld), M. Kühne (Köln)
 K. Loot (Dortmund), A. Röser (Wuppertal)
- P 155 Software commissioning of a Monte Carlo model for the double-scattering treatment head at University Proton Therapy Dresden
J. Eulitz (Dresden), A. Lühr, W. Enghardt (Dresden, Heidelberg)
 B. Lutz (Dresden)