



CONFERENCES

Report on: Fifth Conference on small animal precision image-guided radiotherapy

The fifth conference on small animal precision image-guided radiotherapy took place in Munich, Germany, from 21-23 March 2022. Many of the Covid-19 rules were still in full swing and so the whole conference (except the dinner) was spent wearing FFP2 face masks. 114 radiation biologists, physicists and oncologists met in the beautiful setting of the Ludwig-Maximilians-Universität München (LMU Munich), many of them for their first conference ever. This meeting is normally held every two years but after several attempts to organise the meeting it was finally held in-person after a four-year break.

The conference brought together many people with an interest in precision irradiation studies for preclinical oncology. One benefit of having a gap of four years, was that much exciting new work was shown. Topics that were covered were tumour and normal tissue models for cancer, irradiation technology (including FLASH and ion beams), novel imaging methods, dosimetry, and much more. Also in this field of research, artificial intelligence was seen to make its first entry. In a special session dedicated to the vendors their latest equipment was presented.

Event website >>>

The organising committee,

Frank Verhaegen, MAASTRO and Maastricht University, Maastricht, The Netherlands

Katia Parodi, Department of Medical Physics, Faculty of Physics, LMU Munich, Munich, Germany

Kirsten Lauber & Guillaume Landry, Department of Radiation Oncology, University Hospital, LMU Munich, Munich, Germany

Paula Bartelds, SmART Scientific Solutions BV, Maastricht, The Netherlands



Attendants of the conference