Day 1: Thursday, November 25, 2021

10:45 – 11:00 Opening & Welcome

11:00 – 12:00 Session I
Chair: F. Pfeiffer
Magdalena Rafecas, University Lübeck: Algorithmics and instrumentation for nuclear imaging: a subjective overview

12:00 – 14:00 Lunch break

14:00 – 15:00 Session II
Chair: K. Parodi
Thomas Bortfeld, MGH Boston: The art and the science of defining the clinical target volume in radiation oncology

16:00 – 18:00 social event

Day 2: Friday, November 26, 2021

10:00 – 11:00 Session III
Chair: K. Parodi
Pawel Moskal, Jagiellonian University, Kraków: Positronium imaging with multi-photon J-PET scanner.

11:00 – 12:00 Guillaume Landry, LMU: Fluence-modulated proton computed tomography

12:00 – 14:00 Lunch break

14:15 – 15:15 Session IV
Chair: F. Pfeiffer
Thomas Flohr, Siemens Healthineers: Technical principles and applications of medical photon counting computed tomography

15:15 – 15:30 Coffee break

15:30 - 16:30 Session V
a: Steering Committee, PIs, Co-PIs (chair: K. Parodi)
b: Ph.D. candidates (chair: S. Gerlach)

16:30 – 17:30 Closing discussion (chair: K. Parodi)