

# Image reconstruction for novel imaging concepts in emission tomography

*Monday, 8 May 2023 13:00 (1 hour)*

In this seminar I will revise the principles of tomographic reconstruction in nuclear imaging, not only for nuclear medicine applications. Emphasis will be placed on unconventional imaging concepts for preclinical research, diagnosis and particle therapy monitoring. Some of the related challenges (low-count data, limited-angle acquisition, etc.) and possible solutions will be presented.

**Presenter:** RAFECAS, Magdalena (University of Lübeck)