

## Characterization and research on a large axial field of view PET in Bern

*Saturday, 9 October 2021 16:00 (20 minutes)*

Recent advances in the large axial field of view (LAFOV) PET revolutionize PET imaging to meet several clinical demands. This talk will characterize the performance of a LAFOV PET (Siemens Biograph Vision Quadra) installed in Bern. On the other side, the increased complexity makes the exploration of the potential of the new instrument more challenging. This talk will share some developments of artificial intelligence (AI) in LAFOV PET in Bern from the perspectives of imaging optimization. It will also discuss the potentials and challenges during the development of AI technology.

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