

# Carsten Lowis



## FH Aachen

2016-2019  
Biomedical Engineering,  
BEng

2020-2022  
Nuclear Applications,  
MSc

## Research Center Jülich

Masters thesis 2021-2022:

Implementation and evaluation  
of a deep learning-based and  
manual segmentation of brain  
tumors in amino acid PET

## CERN and RWTH Aachen

September 2022  
Doctoral Student in framework  
of the Crystal Clear Collaboration

Impact of Heterostructured Pixel  
Modules on fast timing issues in  
scintillation detection systems

### Supervision:

Prof. Dr. med.  
Karl-Josef Langen  
*RWTH Aachen*

Dr. Etienne Auffray  
*CERN*

Prof. Dr. rer. nat.  
Karl Ziemons  
*FH Aachen*

