

# Georg Schramm

📍 Leuven, Belgium

LinkedIn [georg-schramm-a372099b](#)

Google Scholar

Gmail [gschramm](#)

## General Information

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**Date of Birth:** 08 April 1987

**Languages:** English, German, Dutch

## Education

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<b>PhD</b>	<b>Technische Universität Dresden, Germany</b> , Medical Imaging	2015
	• Attenuation correction in PET/MR	
	• summa cum laude	
<b>MSC</b>	<b>Technische Universität Dresden, Germany</b> , Physics	2011
	• Simulation of neutron capture and photon scattering	

## Experience

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<b>KU Leuven</b> , Assistant Professor of Molecular Image Reconstruction and Analysis	Leuven, Belgium
	Jan 2023 – present
	3 years 2 months
<b>Stanford University</b> , Instructor	Stanford, USA
	Jan 2022 – Dec 2023
	2 years
<b>KU Leuven</b> , Postdoctoral Researcher	Leuven, Belgium
	Jan 2015 – Dec 2022
	8 years

## Honors and Awards

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<b>Runner-up of the ultra low dose PET denoising challenge</b>	2025
<b>Winner of the PET reconstruction challenge (PETRIC)</b>	2024
<b>PhD award of Helmholtz-Zentrum Dresden-Rossendorf</b>	2014
<b>Award for notable achievements in nuclear medicine (DGN)</b>	2014
<b>Ehrenfried Walther von Tschirnhaus Prize TU Dresden</b>	2011

## Academic Interests

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### Positron Emission Tomography (PET)

- PET image reconstruction
- PET image quantification and analysis

### Physics

- PET physics
- Applied Nuclear Physics

### Applied Mathematics

- Inverse problems
- Optimization

### Applied Computer Science

- High performance computing
- Efficient algorithms