

# Georg Schramm

 Leuven, Belgium
  [gschramm.github.io](https://github.com/gschramm)
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  [gschramm](https://orcid.org/gschramm)

## Experience

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|---|---|
| <b>KU Leuven</b> , Assistant Professor of Molecular Image Reconstruction and Analysis   | Leuven, Belgium<br>Sept 2023 – present<br>2 years 6 months  |
| <ul style="list-style-type: none"> <li>leading a research group focused on the development of novel methods for improved image reconstruction and analysis in molecular imaging</li> <li>development of tools for the analysis of molecular imaging data and the translation of these tools into clinical practice</li> </ul> |   |
| <b>Stanford University</b> , Instructor   | Stanford, USA<br>Aug 2022 – July 2023<br>1 year             |
| <ul style="list-style-type: none"> <li>instructor in the lab of Prof. Fernando Boada focussing on anatomy-guided sodium MRI reconstruction</li> </ul>   |   |
| <b>KU Leuven</b> , Postdoctoral Researcher  | Leuven, Belgium<br>Apr 2015 – July 2022<br>7 years 4 months |
| <ul style="list-style-type: none"> <li>PostDoc in the lab of Prof. Johan Nuyts focussing on the development of novel methods for image reconstruction and analysis in PET (e.g. structure-guided PET reconstruction)</li> </ul>   |   |

## Education

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|---|---------------------|
| <b>PhD Technische Universität Dresden, Germany</b> , Medical Imaging  | Apr 2011 – Jan 2015 |
| <ul style="list-style-type: none"> <li>attenuation correction in PET/MR</li> <li>summa cum laude</li> </ul>   |                     |
| <b>MSC Technische Universität Dresden, Germany</b> , Physics  | 2005 – 2011         |
| <ul style="list-style-type: none"> <li>simulation of neutron capture and photon scattering</li> <li>among the top 5 of the graduates of the faculty of science in 2011</li> </ul> |                     |

## Awards

- 2025, [Runner-up of the ultra low dose PET denoising challenge](#)
- 2024, [Winner of the PET reconstruction challenge \(PETRIC\) by SyneRBI](#)
- 2014, [PhD award of Helmholtz-Zentrum Dresden-Rossendorf](#)
- 2014, [Award for notable achievements in nuclear medicine from German Society of Nuclear Medicine](#)
- 2011, Ehrenfried Walter von Tschirnhaus Prize from TU Dresden

## Skills & Interests

- Physics in Nuclear Medicine:** modeling of photon interactions, detector physics, PET, SPECT  
**Applied Mathematics:** inverse problems, image reconstruction, large-scale optimization, machine learning  
**Scientific Computing:** high performance computing, software design, software project management

## Languages

- German - Native speaker, English - Fluent, Dutch - Fluent

## References

- Professor Johan Nuyts (KU Leuven)
- Professor Kris Thielemans (University College London)
- Professor Fernando Boada (Stanford University)
- Professor Andrew Reader (King's College London)