Georg Schramm

⚲ Leuven, Belgium   in georg-schramm-a372099b   🎓 Google Scholar   ⌂ gschramm

Education

PhD	**Technische Universität Dresden, Germany**, Medical Imaging	Apr 2011 – Jan 2015

- Attenuation correction in PET/MR
- summa cum laude

MSC	**Technische Universität Dresden, Germany**, Physics	2011 – 2015

- Simulation of neutron capture and photon scattering

Experience

KU Leuven, Assistant Professor of Molecular Image Reconstruction and Analysis   Leuven, Belgium
Leading a research group focused on the development of novel methods for image   Sept 2023 – present
reconstruction and analysis in molecular imaging, with a particular emphasis on PET. The   2 years 6 months
group is also involved in the development of software tools for the analysis of molecular
imaging data and the translation of these tools into clinical practice.

Stanford University, Instructor   Stanford, USA
Instructor in the lab of Prof. Fernando Boada, where I focussed on anatomy-guided   Aug 2022 – July 2023
sodium MRI reconstruction and analysis.   1 year

KU Leuven, Postdoctoral Researcher   Leuven, Belgium
Postdoctoral researcher in the lab of Prof. Johan Nuyts, where I focussed on the devel-   Apr 2015 – July 2022
opment of novel methods for image reconstruction and analysis in PET. E.g. structure-   7 years 4 months
guided PET reconstruction.

Awards

Runner-up of the ultra low dose PET denoising challenge   Nov 2025
Seyed Amir Zaman Pour, Charles Carron, Georg Schramm
udpet-challenge.github.io

Winner of the PET reconstruction challenge (PETRIC)   Nov 2024
Matthias Ehrhard, Zeljko Kereta, Georg Schramm
github.com/SyneRBI/PETRIC/wiki/Awards-and-results

PhD award of Helmholtz-Zentrum Dresden-Rossendorf   2014
Georg Schramm
www.hzdr.de/db/Cms?pOid=71933&pNid=0

Award for notable achievements in nuclear medicine (DGN)   2014
Georg Schramm
www.hzdr.de/db/Cms?pOid=71933&pNid=0

Award for notable achievements in nuclear medicine (DGN)   2014
Georg Schramm
www.nuklearmedizin.de/de/leistungen/preistraeger

Ehrenfried Walter von Tschirnhaus Prize   2011
Georg Schramm

Skills

Physics in Nuclear Medicine

Scientific Computing

Applied Mathematics

Languages

German
Native speaker

English
Fluent

Dutch
Fluent

Interests

Physics in Nuclear Medicine

Problem solving in Nuclear Medicine

Inverse problems in medical imaging

Applied Computer Science

References

Professor Johan Nuyts

Professor Kris Thielemans

Professor Fernando Boada

Professor Andrew Reader