

Curriculum Vitae

Dr. Tobias Schlosser

Working address: Dresden University of Technology
Faculty of Medicine Carl Gustav Carus
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Education

- 2024: **Dr. rer. nat.**, Chemnitz University of Technology (Computer Science and Artificial Intelligence)
- 2018: **M.Sc.**, Chemnitz University of Technology (Applied Computer Science, Parallel and Distributed Systems)
- 2016: **B.Sc.**, Chemnitz University of Technology (Applied Computer Science, Media Informatics)

Theses

- 2024: *Biologically Inspired Hexagonal Deep Learning for Hexagonal Image Processing*, dissertation

Professional experience

- 2024: Postdoctoral research fellow, ZMI, TU Dresden
- 2024: Postdoctoral research fellow, Media Computing / Media Informatics, TU Chemnitz
- 2018–2024: Research fellow, Junior Professorship of Media Computing, TU Chemnitz
- 2016–2018: Research assistant, Junior Professorship of Media Computing, TU Chemnitz
- 2013–2016: Student assistant, Professorship of Media Informatics, TU Chemnitz

Scientific activities

- 2024: Medical Informatics Hub in Saxony – MiHUBx
- 2024: Different projects (budget-financed)
- 2023: BirdNET+ – AI-supported bioacoustic monitoring
- 2021–2022: Medical Informatics Hub in Saxony – MiHUBx
- 2019–2020: OphthalVis 2.0 – Development of individual therapy approaches
- 2014–2019: localizeIT – Localization of visual media

Publications and preprints

- Including conferences such as IEEE ETFA, ICMLA, CVPR, and WACV..
- ..and journals such as Journal of Intelligent Manufacturing (Springer), Scientific Reports (Springer), and Ecological Informatics (Elsevier)
- Overview via my Google Scholar page:
<https://scholar.google.com/citations?user=fklpO3IAAAAJ>

Review activities

- Including journals such as ACM Computing Surveys, IEEE Transactions on Image Processing, and Automation in Construction (Elsevier)..
- ..and conferences such as IEEE ICMLA and ISCSET
- Overview via my Publons page (Web of Science):
<https://www.webofscience.com/wos/author/record/ABD-6458-2022>

Languages

- German: Mother tongue
- English: Business fluent
- French: Fundamental knowledge
- Russian: Fundamental knowledge

Dresden, December 2024