

Thomas Wimmer

+49 681 93252123 | thomas.m.wimmer@gmail.com | wimmerth.github.io

Doctoral researcher in 3D computer vision and visual semantics at the Max Planck Institute for Informatics and ETH Zurich.

EDUCATION

Max-Planck-Institute for Informatics & ETH Zurich

Saarbrücken, Germany & Zurich, Switzerland

Joint Doctorate on 3D Computer Vision and Representation Learning

11/2024 – 11/2027

- Joint supervision by [Jan Eric Lenssen](#), [Bernt Schiele](#), [Christian Theobalt](#) (MPI-INF), and [Siyu Tang](#) (ETHZ).
- Fellow of the [Max Planck ETH Center for Learning Systems \(CLS\)](#) [8 successful applicants from >1000 applications], and the [European Laboratory for Learning and Intelligent Systems \(ELLIS\)](#) [3% acceptance rate].

Technical University of Munich

Munich, Germany

Master of Science in Informatics

10/2021 – 07/2024

- **Cumulative Grade:** 1.06 / 1 [A]; Passed with high distinction
- **Thesis:** Text-Driven Animation of 3D Gaussian Splatting Scenes (in collaboration with [Google](#))
– Supervisors: [Federico Tombari](#) and [Andreas Geiger](#).

Institut Polytechnique de Paris (incl. École Polytechnique, TELECOM Paris)

Palaiseau, France

Master of Science in Computer Science, Specialization: Data & Artificial Intelligence

09/2022 – 09/2023

- **Cumulative Grade:** 18.43 / 20 [A+, Ranked **first in class**]; Graduation with highest honors.
- **Thesis:** Back to 2D: Shape Analysis through the lens of large pre-trained 2D Models – Supervisor: [Maks Ovsjanikov](#)

Technical University of Munich

Munich, Germany

Bachelor of Science in Informatics, Minor in Physics

10/2018 – 11/2021

- **Cumulative Grade:** 1.50 / 1 [A]; Passed with distinction
- **Thesis:** Scale-Equivariant Deep Learning for 3D Data – Supervisor: [Daniel Cremers](#)

University of Copenhagen

Copenhagen, Denmark

Visiting Student (Semester abroad) in M.Sc. Computer Science

09/2020 – 01/2021

Kempton University of Applied Sciences

Kempton, Germany

Early Studies Program, Informatics

10/2015 – 03/2016

WORK EXPERIENCE

Google, Technical University of Munich

Munich, Germany / Zurich (remote)

Master Thesis Student

12/2023 – 06/2024

- Co-supervision by [Federico Tombari](#) and [Andreas Geiger](#), in collaboration with [Michael Niemeyer](#) and [Michael Oechsle](#).
- Work on using video diffusion models to animate given 3D scenes. Published at 3DV '25.

École Polytechnique, INRIA

Palaiseau, France

Research Intern, 3D Shape Analysis

04/2023 – 09/2023

- Research internship in the [GeomeriX](#) group under the supervision of [Maks Ovsjanikov](#).
- Work on knowledge transfer from pre-trained (multi-modal) 2D models for 3D shape analysis. Published at CVPR '24.

Technical University of Munich

Munich, Germany

Teaching Assistant, Functional Programming and Verification

10/2020 – 03/2021

VOLUNTARY WORK

European Union Strategy for the Alpine Region (EUSALP)

Founding Member and German Delegate, EUSALP Youth Council

2021 – 2023

Alpine Convention

German Delegate, Youth Parliament to the Alpine Convention

2017 – 2018

SELECTED PUBLICATIONS (FULL LIST IN GOOGLE SCHOLAR)

AnyUp: Universal Feature Upsampling

[Thomas Wimmer](#), Prune Truong, Marie-Julie Rakotosaona, Michael Oechsle, Federico Tombari, Bernt Schiele, Jan Eric Lenssen
In Submission, 2025

Do It Yourself: Learning Semantic Correspondence from Pseudo-Labels

Olaf Dünkel, [Thomas Wimmer](#), Christian Theobalt, Christian Rupprecht, Adam Kortylewski
In Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV), 2025

Gaussians-to-Life: Text-Driven Animation of 3D Gaussian Splatting Scenes

[Thomas Wimmer](#), Michael Oechsle, Michael Niemeyer, Federico Tombari
In Proceedings of the International Conference on 3D Vision (3DV), 2025

MEt3R: Measuring Multi-View Consistency in Generated Images

Mohammad Asim, Christopher Wewer, [Thomas Wimmer](#), Bernt Schiele, and Jan Eric Lenssen
In Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025

Back to 3D: Few-Shot 3D Keypoint Detection with Back-Projected 2D Features

[Thomas Wimmer](#), Peter Wonka, and Maks Ovsjanikov
In Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024

Language Models for German Text Simplification: Overcoming Parallel Data Scarcity through Style-specific Pre-training

Miriam Anschütz, Joshua Oehms, [Thomas Wimmer](#), Bartłomiej Jezierski, and Georg Groh
In Findings of the Association for Computational Linguistics (ACL), 2023

HONORS, AWARDS AND GRANTS

Outstanding Reviewer Award at the International Conference on Computer Vision (ICCV) 2025

Project Lead at Saarbrücken Research Center for Visual Computing, Interaction and Artificial Intelligence (VIA) 2025

- Project-specific collaboration between Google and the Max Planck Institute for Informatics.

Doctoral Fellow of the Max Planck ETH Center for Learning Systems (CLS) and ELLIS 2024 – 2027

Scholarship Holder of the Konrad Zuse School of Excellence in Learning and Intelligent Systems (ELIZA) 2023 – 2024

- Research-oriented Master's scholarship for outstanding talents in AI on track to their PhD. Part of Germany's AI strategy.

Scholarship Holder of the German Academic Scholarship Foundation (Studienstiftung d. Deutschen Volkes) 2022 – 2024

- Monetary and non-material support for outstanding academic achievements and contributions to society.

ADDITIONAL INFORMATION

Conference Participation:

IEEE/CVF International Conference on Computer Vision	Honolulu, USA, 2025
International Conference on 3D Vision	Singapore, 2025
IEEE/CVF Conference on Computer Vision and Pattern Recognition	Seattle, USA, 2024
International Geometry Summit (incl. Symposium on Geometry Processing)	Genoa, Italy, 2023

Invited Talks:

From 2D to 3D: Applications of large pre-trained 2D models for 3D shape analysis and generative scene dynamics

Computer Vision and Learning Group (Siyu Tang) ETH Zürich, 2024

Back to 3D: Few-Shot 3D Keypoint Detection using Back-Projected 2D Features

Departments of Computer Vision (Bernt Schiele) and Visual Computing (Christian Theobalt) MPI for Informatics, 2024

Autonomous Vision Group (Andreas Geiger) University of Tübingen, 2024

Reviewer Duties: TPAMI (2024-), CVPR (2025-), ICCV (2025-), NeurIPS (2025-), SIGGRAPH Asia (2025-)

Languages: German (mother tongue), English (fluent), French (professional proficiency), Danish (basic knowledge)

Hobbies: Outdoor sports (Cycling, Climbing, Skiing, Sailing, Football), Reading, Photography, Museums