(Minimalist) Curriculum Vitae – Matteo Poggi

Professional title: **Associate Professor**
Contact: m.poggi@unibo.it **References:** Webpage, Unibo, Google Scholar

Teaching: **Logical Networks**, **Computer Architectures** – Bachelor in Automation Engineering

Research Interests: Deep Learning, Computer Vision and 3D sensing, Embedded Computer Vision.

Publications: $\sim$ 130 peer-reviewed papers, including 19× **CVPR** (+1 Findings), 12× **ICCV**, 10× **ECCV**, 7× **TPAMI**, 3× **IJCV**, 5× **ICRA**, 9× **IROS**, 1× **NeurIPS**, 2× **AAAI**. CVPR, ICCV, and ECCV are highly competitive with acceptance rates of less than 30%. CVPR and TPAMI are the most highly cited IEEE conference and journal respectively[1], with the highest impact in Engineering and Computer Science. Full list available at https://mattpoggi.github.io/publications/.
Other bibliometric indices: ***h*-index** 44 (Google Scholar), 6830 citations (Google Scholar)

Visiting: **ETH Zurich**, *Switzerland*, in 2017. Advisors: Prof. **Torsten Sattler**, Prof. **Andreas Geiger**

Honors and Awards:

- **PhD Thesis Award – Honorable mention**, Italian Association for Computer Vision (**CVPL 2018**)
- **Intellectual Property Award – Future Mobility** (**IPA 2021**) for our patented technology *"Self-confident: online learning for detecting depth sensor failures"*
- **Winner** of the OpenCV Spatial AI Competition, 2022 (eyecan reborn)
- **Best Paper Honorable Mention** to our work *"Neural Disparity Refinement for Arbitrary Resolution Stereo"* - International Conference on 3D Vision (**3DV 2021**)
- **Best Poster Award** to our work *"Self-Evolving Depth-Supervised 3D Gaussian Splatting from Rendered Stereo Pairs"* - British Machine Vision Conference (**BMVC 2024**)
- **Outstanding Area Chair award**: CVPR 2026
- 12× **Outstanding Reviewer award**: CVPR 2018, CVPR 2019, CVPR 2020, ACCV 2020, CVPR 2021, ECCV 2022, CVPR 2023, CVPR 2024, BMVC 2024, CVPR 2025, ICCV 2025, BMVC 2025

Funding (as PI or Co-PI):

- **Multi-task dense scene understanding (PI)**, Huawei Zurich (225 000 Eur.) *2026-2028*
- **RiverWatch (PI)**, PRIN 2022 (40 000 Eur.) *2022-2023*
- **Airborne Mobility (PI)**, The Edge Company (40 000 Eur.) *2022-2023*
- **Intellectual Property Award (PI)**, IPA 2021 (10 000 Eur.) *2022-2023*
- **Proof of Concept UNIBO (Co-PI)**, University of Bologna (38 900 Eur.) *2022-2023*
- **RGB-Multispectral registration (Co-PI)**, Huawei Finland (300 000 Eur.) *2021-2022*
- **Proof of Concept MISE (PI)**, Italian Ministry of Economic Development (30 000 Eur.) *2020-2021*
- **Proof of Concept UNIBO (PI)**, University of Bologna (28 500 Eur.) *2020-2021*

Organization of Workshops and Tutorials:

- **Traditional Computer Vision in the Age of Deep Learning** (ICCV 2021, ECCV 2024)
- **NTIRE Challenges on HR depth from Images of Specular and Transparent Surface** (CVPR 2023, CVPR 2024, CVPR 2025, CVPR 2026)
- **Monocular Depth Estimation Challenge – MDEC** (CVPR 2024, CVPR 2025)
- **Transparent & Reflective objects In the wild – TRICKY** (ECCV 2024, ICCV 2025)
- **Neural SLAM – NeuSLAM** (ECCV 2024, ICCV 2025, ECCV 2026)
- **Computer Vision for Humanitarian Action – CV4GOOD** (ECCV 2026)
- **5× tutorials** on depth estimation (3DV 2018, CVPR 2019, CVPR 2020, ECCV 2020, CVPR 2024)

Editorial duties: I am Associate Editor for the International Journal of Computer Vision (IJCV), I have been Associate Editor for ICRA 2026, and Area Chair for CVPR 2026 and NeurIPS 2026.

Advising: I have supervised and co-supervised 11 PhD students.

Invited Talks: I gave talks at MPI Tübingen, University of Padua, CMP Prague, BMVA meetings, Huawei Imaging workshop Nice, Koc University, Politecnico di Milano, Embedded Vision Workshop ICCV 2025.

[1] research.com/conference-rankings/computer-science, research.com/journals-rankings/computer-science