

Charalambos Tzamos

PERSONAL INFORMATION

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Links: [Website](#) • [LinkedIn](#) • [ResearchGate](#) • [GitHub](#) • [Google Scholar](#)
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EDUCATION

Ph.D. in Machine Learning and Computer Vision *2022 -*
Faculty of Electrical Engineering, CTU Prague
Advisor: Prof. [Zuzana Kúkelová](#)
Thesis title: “Combining Algebraic and Learning-based Approaches for Camera Geometry Estimation”

M.Sc. in Algorithms, Logic and Discrete Mathematics *2019 - 2021*
NKU Athens & NTU Athens
Advisor: Prof. [Ioannis Z. Emiris](#)
Thesis title: “Upper bounds on the number of embeddings of minimally rigid graphs”

B.Sc. in Computer Science *2014 - 2019*
NKU Athens
Speciality: Theoretical Foundations • Data and Knowledge Management
Advisor: Prof. [Ioannis Z. Emiris](#)
Thesis title: “VentusNet: Deep Learning for Wind Speed Prediction”

EMPLOYMENT

Computer Vision Engineer (Internship) *Jun 2026 - Dec 2026*
[Snap Inc.](#), Vienna, Austria

Researcher *May 2022 -*
[Visual Recognition Group](#), Prague, Czech Republic

Research Associate *Jul 2022 - Sep 2024*
[Athena Research Center](#) and [Ansys](#), Athens, Greece

Research Assistant *Nov 2021 - Mar 2022*
[Athena Research Center](#), Athens, Greece

INVITATIONS AND TALKS

2024 **Oral presentation** at **ECCV '24** (50SFM Workshop) of paper “*Are Minimal Radial Distortion Solvers Necessary for Relative Pose Estimation?* ” in Milan, Italy.

2024 **Poster presentation** at the **International Computer Vision Summer School (ICVSS)** of paper “*Relative pose of three calibrated and partially calibrated cameras from four points using virtual correspondences*” in Sicily, Italy.

PROFESSIONAL ACTIVITIES

Conference Reviewer

- ICCV(2025)

Journal Reviewer

- IJCV(2025)

SKILLS

Programming: Python, C/C++, Matlab, L^AT_EX, Bash, Git
Language: Greek (native), English (fluent)

CONFERENCE AND WORKSHOP PUBLICATIONS

(†): authors are listed alphabetically

(*): equal contribution

- CVPR 2025* (*) [C. Tzamos](#), (*) V. Kocur, Y. Ding, D. Barath, Z. B. Haladova, T. Sattler, Z. Kukelova. Practical Solutions to the Relative Pose of Three Calibrated Cameras. Proceedings of the Computer Vision and Pattern Recognition Conference (CVPR). 2025, pp. 21913-21923.
[Paper](#) • [Code](#)
- ECCVW 2024* (*) [C. Tzamos](#), (*) V. Kocur, Y. Ding, T. Sattler, Z. Kukelova. Are Minimal Radial Distortion Solvers Necessary for Relative Pose Estimation?. In: Del Bue, A., Canton, C., Pont-Tuset, J., Tommasi, T. (eds) Computer Vision – ECCV 2024 Workshops. ECCV 2024. Lecture Notes in Computer Science, vol 15623. Springer, Cham.
[Paper](#) • [Code](#)
- ISSAC 2022* (†) E. Bartzos, I.Z. Emiris, I.S. Kotsireas, and [C. Tzamos](#). *Bounding the Number of Roots of Multi-Homogeneous Systems*. In Proceedings of the 2022 Int'l Symposium on Symbolic and Algebraic Computation (ISSAC '22), July 4–7, 2022, Villeneuve-d'Ascq, France. ACM, New York, NY, USA, 8 pages.
[Paper](#)
- CASC 2021* (†) E. Bartzos, I.Z. Emiris, and [C. Tzamos](#). *The m -Bézout bound and distance geometry*. In F. Boulier, M. England, T.M. Sadykov, and E.V. Vorozhtsov, editors, Computer Algebra in Scientific Computing - 23rd Intern. Workshop, CASC 2021, Sochi, Russia, September 13-17, 2021, Proc., volume 12865 of LNCS, pages 6–20. Springer, 2021.
[Paper](#)

JOURNAL PUBLICATIONS

- IJCV 2026* (*) V. Kocur, (*) [C. Tzamos](#), Y. Ding, Z. B. Haladova, T. Sattler, Z. Kukelova, *Are Minimal Radial Distortion Solvers Really Necessary for Relative Pose Estimation?*, *International Journal of Computer Vision* 134, 48 (2026).
[Paper](#) • [Code](#)
- J.DAM 2023* (†) E. Bartzos, I.Z. Emiris and [C. Tzamos](#), *An asymptotic upper bound for graph embeddings*, *Discrete Applied Mathematics*, vol. 327, pp. 157–177, 2023.
[Paper](#)

PRE-PRINTS

- arXiv 2025* P. Rigas, P. Drivas, [C. Tzamos](#), I. Chamodrakas, G. Ioannakis, L. J. Guibas, I. Z. Emiris. 2025. *GARLIC: GAussian Representation LearnIng for spaCe partitioning.*, arXiv:2505.24608.
[Paper](#)