

Oscar Ortega Moreno

[CUNEF UNIVERSIDAD](#)
Almansa 101, 28040 Madrid Spain
oscar.ortegamoreno@cunef.edu
[CUNEF Website](#)
[ORCID](#)
[Google Scholar](#)

EMPLOYMENT

CUNEF Universidad, Madrid, Spain —Assistant Professor in Tenure Track, Dept. of Mathematics (Sep 2025 – Present)

Technische Universität Wien – Institute of Discrete Mathematics and Geometry, Vienna, Austria — ESPRIT Postdoctoral Fellow (ESP 236) (Sep 2022 – Aug 2025)

Technische Universität Wien – Institute of Discrete Mathematics and Geometry, Vienna, Austria — FWF Postdoctoral Researcher (P 31448) (Nov 2019 – Aug 2022)

EDUCATION

University of Warwick, UK — Ph.D. in Mathematics, March 2020. Supervisor: Prof. Keith M. Ball FRS

University of Warwick, UK — M.Sc. in Mathematics with distinction, Oct 2015

Instituto Tecnológico Autónomo de México — B.Sc. in Mathematics with honors, Sep 2014

FIELDS OF INTEREST

Convex Geometry; Discrete Geometry; Geometric Functional Analysis; Integral Geometry

PUBLICATIONS

Brauner, Leo; Ortega-Moreno, Oscar: “Fixed points of mean section operators,” *Transactions of the American Mathematical Society*, 378(1), 159–199, 2025

Ortega-Moreno, Oscar: “The complex plank problem, revisited,” *Discrete & Computational Geometry*, 71(2), 683–687, 2024

Ortega-Moreno, Oscar: “Iterations of Minkowski valuations,” *Journal of Functional Analysis*, 284(10), 109887, 2023

Ortega-Moreno, Oscar; Schuster, Franz E.: “Fixed points of Minkowski valuations,” *Advances in Mathematics*, 392, 108017, 2021

Ortega-Moreno, Oscar: “An optimal plank theorem,” *Proceedings of the American Mathematical Society*, 149(3), 1225–1237, 2021

Ball, Keith M.; Ortega-Moreno, Oscar; Prodromou, Maria: “Hadamard matrices and 1-factorizations of complete graphs,” *Mathematika*, 65(3), 488–499, 2019

WORKING PAPERS

Brauner, Leo; Hofstätter, Georg C.; Ortega-Moreno, Oscar: “Mixed Christoffel–Minkowski problems for bodies of revolution,” arXiv:2508.09794, 2025.

Brauner, Leo; Hofstätter, Georg C.; Ortega-Moreno, Oscar: “The Christoffel problem for the disk area measure,” arXiv:2508.09800, 2025.

Brauner, Leo; Hofstätter, Georg C.; Ortega-Moreno, Oscar: “The Klain approach to zonal valuations,” arXiv:2410.18651, 2024.

Brauner, Leo; Hofstätter, Georg C.; Ortega-Moreno, Oscar: “Lefschetz operators on convex valuations,” arXiv:2402.14731, 2024.

SELECTED ACADEMIC HONOURS AND GRANTS

“Fixed point problems and isoperimetric inequalities,” Principal Investigator, Austrian Science Fund (ESP 236), TU Wien, EUR 294,016 (Sep 2022 – Aug 2025).

SELECTED PRESENTATIONS

CONFERENCES

“Mixed volumes and mixed area measures of bodies of revolution,” Conference on Inequalities and Log-Concavity, University of Warsaw, 2025; “The Klain approach to zonal valuations,” Analysis & Convex Geometry Week, Universidad de los Andes (Bogotá), 2025; “Moment inequalities for Gaussian vectors,” Convex Geometry in Florence, 2024; “The complex plank problem, revisited,” Harmonic Analysis and Convexity, Banff International Research Station, 2023; “Iterations of Minkowski valuations,” Conference on Convex Geometry and Geometric Probability, Salzburg, 2023.

PROFESSIONAL ACTIVITIES

Refereeing experience: *Bulletin of the London Mathematical Society*, *Discrete & Computational Geometry*, *Journal of Functional Analysis*, *Journal of Geometric Analysis*, *Mathematika*.