Pablo Destic

PhD student, Institut Camille Jordan, Université Claude Bernard Lyon 1

destic@math.univ-lyon1.fr

I study the model theory of globally valued fields under the supervision of Itaï Ben Yaacov.

Education

2021–2022 **Master 2 "Fundamental Mathematics"**, *Sorbonne Université*, Paris

Thesis *Algebraic logarithmic derivatives to invert analytic coverings*, supervised by Zoé Chatzidakis

2019–2021 **L3 and M1 in mathematics**, *ENS Paris*

First year thesis *Morley's theorem*, supervised by Adrien Deloro

2017–2019 **Classes Préparatoires aux Grandes Écoles (CPGE)**, *Lycée Pierre de Fermat*, Toulouse

Publications

[1] Itaï Ben Yaacov et al. *Globally valued fields: foundations*. 2024. arXiv: 2409.04570 [math.LO].

[2] Pablo Destic, Nuno Hultberg, and Michał Szachniewicz. *Continuity of heights in families and complete intersections in toric varieties*. 2024. arXiv: 2412.15988 [math.NT].

Talks

Jan 2025 Algebra, Geometry and Logic Team Meeting, Institut Camille Jordan
"Definability of adelic intersection product over globally valued fields"

Nov 2024 PhD Students Seminar, Institut Camille Jordan *"Lehmer's conjecture"*

Jul 2024 Number Theory Seminar, University of Copenhagen
"Definability of adelic intersection product over globally valued fields"

Participation to conferences

Jan 2025 *Model-Theoretic Methods in Non-Archimedean Geometry*, Münster, Germany

Oct 2024 *Model Theory and Applications to Groups and Combinatorics*, Luminy, France

Jul 2024 *Non-Archimedean, Tropical and Arakelov Geometry*, Regensburg, Germany

Nov 2023 GEOMOD Final Conference, Freiburg, Germany

Jun 2023 *Model Theory of Valued Fields*, Luminy, France

Teaching Experiences

2025–2026 Exercise sessions : Statistics for computer science, with 2nd year students

2024–2025 Exercise sessions : Algebra 1, with 1st year students

2023—2024 Exercise sessions : Mathematics, 4 with 2nd year students

Languages

French	Native speaker
English	Fluent
Spanish	Intermediate