

Jaider D. Torres

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Summary

I am a master's student focusing on some aspects of the theory of rings with polynomial identities (PI rings) and their connections to non-commutative geometry and algebraic geometry. My research explores PI algebras and algebraic supergeometry, guided by my advisor's work on embedding theorems as a bridge between supertraces and supergeometry. I am motivated by a strong interest in understanding the intersections of algebra and geometry and their potential applications.

Education

Francisco José de Caldas District University

Bogotá, Colombia

B.S. IN MATHEMATICS

Feb. 2020 - Dec. 2023

- Twice awarded with honors, along with academic and administrative assistantships.

State University of Campinas

Campinas, Brazil

M.S.C IN MATHEMATICS

Feb. 2024 - Now

- FAEPEX Scholarship Awardee.

Skills

Programming Python, Matlab, LaTeX

Languages Spanish, English, Portuguese

Extracurricular Activity

University of Cundinamarca

Colombia

SPEAKER

May. 2023

- Speaker at 1st Latin American Translocal Meeting of Research Groups.

UPTC and Colombia Society of Mathematics

Colombia

ASSISTANT

Jun. 2023

- Assistant at the XXIII Colombian Congress of Mathematics.

Francisco José de Caldas District University

Colombia

PARTICIPANT

Jul. 2021, Jul. 2022 - Jun. 2024

- Active participant of Logic and Topology (LOTO) and Number Theory and Algebra (ITENUA) Research Groups.

Industrial University of Santander

Colombia

SPEAKER

Dec. 2023

- Speaker at the XII Northeastern Mathematics Symposium.

State University of Campinas

Brazil

SPEAKER

May. 2024

- Speaker at XVIII EnCPos.

IMPA

Brazil

SPEAKER

Aug. 2024

- Speaker at V ELGA.

Honors & Awards

2022	Honours , Francisco José de Caldas District University	<i>Bogotá, Colombia</i>
2023	Honours , Francisco José de Caldas District University	<i>Bogotá, Colombia</i>
2023	Academic Assistantship , Francisco José de Caldas District University	<i>Bogotá, Colombia</i>
2023	Administrative Assistantship , Francisco José de Caldas District University	<i>Bogotá, Colombia</i>
2024	FAEPEX Scholarship Holder , State University of Campinas	<i>Campinas, Brazil</i>