

Yassine Ait Mohamed

Curriculum Vitae | November 2025

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Employment

Teaching Assistant 2024–present
Université de Sherbrooke

Education

Second year in PhD 2024–present
Université de Sherbrooke
Main topic: Poisson structures, shifted symplectic geometry, Lie algebroids and groupoids
Supervisor: [Maxence Mayrand](#)

First year in PhD 2022–2023
Université Sidi Mohamed Ben Abdellah
Doctoral program in Ring Theory
Supervisor: [Lahcen Oukhtite](#)

Master's Degree 2020–2022
Université Sidi Mohamed Ben Abdellah
Thesis title: *Divisors in Algebraic Geometry, Central Simple Algebras, and Severi-Brauer Varieties*
Supervisor: [Karim Mounirh](#)

BSc in Mathematics 2016–2020
Université Moulay Ismail, Meknes
Thesis title: *The Spectrum and the Jacobson Radical in a Commutative Ring*
Supervisor: [Chahrazade Bakkari](#)

Publications/preprints

- [1] Ait Mohamed Y., *Degree-Preserving Derivations on Graded Rings and Modules*
Under review
- [2] Ait Mohamed Y., *Generalized homogeneous derivations in graded rings*.
Siberian Mathematical Journal (appearing in 2026, second volume).
[arXiv:2412.17187v3](https://arxiv.org/abs/2412.17187v3)
- [3] Ait Mohamed Y., *On Graded Rings with Homogeneous Derivations*.
Revista de la Unión Matemática Argentina
<https://doi.org/10.33044/revuma.4934>

Master's thesis

Divisors in Algebraic Geometry, Central Simple Algebras and Severi-Brauer Varieties
Master's Thesis, Université Sidi Mohamed Ben Abdellah (2022)
[PDF available here](#)

Research group

SAG – Algebraic and Geometric Structures
<https://sag.recherche.usherbrooke.ca/equipe>

Seminar organization

Organizer of Junior Seminar in Geometry and Mathematical Physics 2024–present
<https://junior-seminar-geomphys.github.io/JSGMP/>

Conference/seminar talks

[1] *Poisson structures on 1-shifted coisotropics* November 2025
Séminaire SAG, Université de Sherbrooke
[2] *Generalized homogeneous derivations in graded rings* July 2023
Seminar of Non-commutative Algebra, Laboratory of Modeling and
Mathematical Structures, Faculty of Science and Technology, Fez
[3] *On Graded Rings with homogeneous derivations* April 2023
Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez
[4] *On Graded Rings and derivations* February 2023
Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez
[5] *On Graded Rings* January 2023
Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez
[6] *Tensor Algebra and Enveloping Algebra of a Lie Algebra* December 2021
Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz
[7] *On Riemann-Roch Theorem* November 2021
Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz
[8] *Action of a Lie Group on a Smooth Manifold* February 2021
Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz

Peer review activities

Peer Reviewer, Proceedings of the International Geometry Center August 2025
Peer Reviewer, International Journal of Neutrosophic Science June 2025
Peer Reviewer, Asian Research Journal of Mathematics February 2025

Scholarships and awards

Université de Sherbrooke
ISM Doctoral Scholarship 2024–2026
Guaranteed Doctoral Funding 2024–2028
Morocco
National Scholarship-Doctoral Degree 2022–2023
National Scholarship, Master's Degree 2020–2022
National Scholarship, BSc Degree 2016–2020

Teaching experience

Université de Sherbrooke
Elements of Algebra (MAT141) Fall 2025
Applied Linear Algebra in Computer Science (MAT199) Fall 2025
Linear Algebra (MAT253) Winter 2025
Differential and Integral Calculus I (MAT194) Fall 2024
Center for Mathematics Help Fall 2024
Mathematics Tutor September 2022–present
Algebra, Real and Complex Analysis, and Topology
vosjours.fr
Mini School Center, Fez, Morocco September 2022–November 2023

Olympia Centre Zarhounia, Meknes
Maxcence Centre, Meknes

September 2018–March 2019
September 2017–March 2018

Citizenship

Morocco.

Languages

Tamazight (Native), Arabic (Fluent), French (Intermediate), English (Writing).