

Yassine Ait Mohamed

Curriculum Vitae | January 2026

email yassine.ait.mohamed@usherbrooke.ca
webpage <https://yassineaitmohamed.github.io>

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: Prof. [Maxence Mayrand](#)

First year in PhD 2022–2023
Université Sidi Mohamed Ben Abdellah
Doctoral program in Noncommutative algebra theory
Supervisor: Prof. [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: Prof. [Karim Mounirh](#)

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

Papers

- [1] Ait Mohamed Y., *Degree-Preserving Derivations on Graded Rings and Modules*
Under review
- [2] Ait Mohamed Y., *Generalized homogeneous derivations on graded rings.*
Siberian Mathematical Journal (appearing in 2026, second volume).
[arXiv:2412.17187v4](https://arxiv.org/abs/2412.17187v4)
- [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](#)

Seminar organization

2025–present

Organizer of Junior Seminar in Geometry and Mathematical Physics

Conference/seminar talks

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

Peer review activities

Peer Reviewer, Asian Research Journal of Mathematics	January 2026
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	
Analyse I (MAT129-AH)	Winter 2026
Éléments d'algèbre (MAT141)	Fall 2025
Algèbre linéaire appliquée en informatique (MAT199)	Fall 2025
Algèbre linéaire (MAT253)	Winter 2025
Calcul différentiel et intégral I (MAT194)	Fall 2024
Centre d'aide en mathématiques	Fall 2024

Mathematics Tutor

September 2022–present

Algebra, Real and Complex Analysis, and Topology

voscours.fr**Mini School Center, Fez, Morocco**

September 2022–November 2023

Olympia Centre Zarhounia, Meknes

September 2018–March 2019

Maxcence Centre, Meknes

September 2017–March 2018

Citizenship

Morocco.

Languages

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