

Yassine Ait Mohamed

Curriculum Vitae | November 2025

email y.aitmohamed@yahoo.com

webpage <https://yassineaitmohamed.github.io>

Employment

Teaching Assistant

Université de Sherbrooke

2024–present

Education

Second year in PhD

Université de Sherbrooke

2024–present

Main topic: Poisson structures, shifted symplectic geometry, Lie algebroids and groupoids

Supervisor: [Maxence Mayrand](#)

First year in PhD

Université Sidi Mohamed Ben Abdellah

Doctoral program in Ring Theory

Supervisor: [Lahcen Oukhtite](#)

2022–2023

Master's Degree

Université Sidi Mohamed Ben Abdellah

2020–2022

Thesis title: *Divisors in Algebraic Geometry, Central Simple Algebras, and Severi-Brauer Varieties*

Supervisor: [Karim Mounirh](#)

BSc in Mathematics

Université Moulay Ismail, Meknes

2016–2020

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
<https://junior-seminar-geomphys.github.io/JSGMP/>

2024–present

Conference/seminar talks

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