

# Yassine Ait Mohamed

Curriculum Vitae | January 2026

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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: [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] <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

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

## Scholarships and awards

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

## Teaching experience

<b>Université de Sherbrooke</b>	
Analysis I (MAT129-AH)	Winter 2026
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
<b>Mathematics Tutor</b>	September 2022–present
Algebra, Real and Complex Analysis, and Topology <a href="https://vosjours.fr">vosjours.fr</a>	

Mini School Center, Fez, Morocco  
Olympia Centre Zarhounia, Meknes  
Maxcence Centre, Meknes

September 2022–November 2023  
September 2018–March 2019  
September 2017–March 2018

## **Citizenship**

Morocco.

## **Languages**

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