

Yassine Ait Mohamed

Curriculum Vitae |January 2026

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Employment

Teaching Assistant Université de Sherbrooke	2024–present
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Education

Second year in PhD Université de Sherbrooke Main topic: Poisson structures, shifted symplectic geometry, Lie algebroids and groupoids Supervisor: Maxence Mayrand	2024–present
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 Thesis title: <i>Divisors in Algebraic Geometry, Central Simple Algebras, and Severi-Brauer Varieties</i> Supervisor: Karim Mounirh	2020–2022
BSc in Mathematics Université Moulay Ismail, Meknes Thesis title: <i>The Spectrum and the Jacobson Radical in a Commutative Ring</i> Supervisor: Chahrazade Bakkari	2016–2020

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

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

Mathematics Tutor

Algebra, Real and Complex Analysis, and Topology

voscours.fr

September 2022–present

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).