

Amine Ben Abdeljelil, Ph.D.

University of Tampa – Department of Mathematics

EDUCATION *Ph.D. Mathematics* 2019
University of South Florida, Tampa, Florida
M.A. Mathematics 2012
University of Lorraine, France

PROFESSIONAL EXPERIENCE

- Visiting Assistant Professor 08/2020 - Present
*University of Tampa,
Tampa, Florida*
- Adjunct Instructor 01/2020 - 05/2020
*St. Petersburg College,
St Petersburg, Florida*
- Adjunct Instructor 01/2020 - 05/2020
*Hillsborough Community College,
Tampa, Florida*
- Graduate Teaching Associate 2014 - 2019
University of South Florida
- Graduate Research Associate 2013 - 2014
University of Haute-Alsace, France

TEACHING EXPERIENCE

- Recently taught courses:
MGF1106 Mathematics for Liberal Arts I Spring 2020
STA2023 Elementary Statistics Spring 2020
MAC1140 Precalculus Algebra Spring 2020
MGF1106 Topics in Mathematics Spring 2020
MAC1105 College Algebra Spring 2019

RESEARCH INTERESTS Nonassociative rings and algebras, Lie Theory, Hom-structures, Deformation of Lie Algebras, Low Dimensional Topology, Quantum and Classical Invariants of Knots, Applied Topology, Discrete Mathematics.

PUBLICATIONS

- Master's Thesis: Dérivations généralisées des algèbres de Lie et applications (French). University of Lorraine, 2012.
- Derivations of ternary Lie algebras and generalizations. *Int. Electron. J. Algebra* 21 (2017), 5575. 17A42 (17A3617A40)
- Generalized Derivations of n -BiHom-Lie Algebras, with M. Elhamdadi, I. Kaygodorov, A. Makhlof. ([arXiv:1901.09750](https://arxiv.org/abs/1901.09750))
- Derivations of Quasi-Hom Lie Deformations of \mathfrak{sl}_2 , with M. Elhamdadi and S. Silvestrov. (in preparation)

CONFERENCES ATTENDED	• <i>Knots In Washington XLVII</i> George Washington University, Washington, DC	January 2019
	• <i>Joint Mathematics Meetings</i> Baltimore, MD	January 2019
	• <i>43rd Annual Suncoast Regional Meeting of the Florida Section of MAA</i> St Petersburg, FL	December 2018
	• <i>2018 Zassenhaus Groups and Friends Conference</i> University of South Florida, Tampa, FL	April 2018
	• <i>Les Mathématiques à partir d'une feuille de papier</i> Metz, France	June 2012
	• Forum " <i>Emploi Mathématiques</i> " Paris, France	January 2012
Talks	• Generalized Derivations of Ternary Lie Algebras and n-BiHom-Lie Algebras University of South Florida	May 2019
	• Generalized Derivation Algebras and Applications Knots In Washington XLVII	January 2019
	• On Generalized Derivations of Ternary Lie Algebras MAA-FL 43rd Annual Suncoast Regional Meeting .	December 2018
	• A series of talks: An Introduction To Lie Theory. The AMS Graduate Student Chapter, University of South Florida.	
SERVICE	• Congrès "MATH.en.JEANS" (Math in Jeans), France <i>Organizing Committee Member</i>	April 2011
	• AMS Graduate Student Chapter, <i>Member</i>	2017-2019
AWARDS	<i>Tharp Endowed Award</i> from the College of Art & Sciences, USF	2018
COMPUTER SKILLS	\LaTeX , Python, <i>Inkscape</i> , HTML, SageMath (System for Algebra and Geometry Experimentation), Mathematica.	