

Ali Hagverdiyev

Doctoral Student in Applied Mathematics

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Citizenship: Azerbaijani
Date Of Birth: 08/03/1988



Curriculum Vitae

Education

- 2015-present **PhD**, *Florida Institute Of Technology*, Department Of Applied Mathematics.
- 2012–2015 **PhD-transferred to FIT**, *Texas A&M University*, Department Of Applied Mathematics.
- 2010–2011 **Masters Degree, MsC**, *University Of Nottingham, UK*, Pure Mathematics.
- 2006–2010 **Bachelors Degree**, *Baku State University*, Applied Mathematics.

Programming Skills

- Langages C++, JAVA, HTML, SQL, Phyton
- Softwares Matlab, FreeFem++
- Certificates Introduction to Python: Fundamentals, Course by Microsoft

Experiences

- Languages Azerbaijani (native), Turkish(native), Russian(fluent), English(fluent)
- Teaching 2015-present, Graduate Student Assistantship, Florida Institute Of Technology; Teaching Assistant, Texas A&M, 2012-2015
- REU Research Experiences for Undergraduates Program, Summer 2015 (Mentor)

Scholarships and grants:

- November-2018 **Second International Conference on Mathematics of Data Science 2018 Travel Grant.**
- October-2018 **38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE) 2018 Travel Grant.**
- Summer 2017 **Research Doctoral Graduate Research Assistant Tuition Scholarship (DGRATS) Program.**
- June-August, 2015 **NSF Grant for Research Experiences for Undergraduates (REU) Program. Summer 2015.**
- 2010-2012 **Azerbaijani Ministry of Education Scholarship to Study Abroad Program.**
- 2006-2010 **Baku State University Stipend (Scholarship) for Undergraduate Students.**

Conferences & Talks

- Speaker JMM Joint Mathematics Meetings: Baltimore Convention Center, Hilton Baltimore, and Baltimore Marriott Inner Harbor Hotel, Baltimore, MD January 16-19, 2019
- Poster Presentation ICMDs2018, Second International Conference on Mathematics of Data Science, November 2-4, 2018 Location: Old Dominion University in Norfolk, Virginia
- Speaker 38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE), University of North Georgia, GA, October 6-7 2018
- Speaker AMS Sectional Meeting: Fall Eastern Sectional Meeting, University of Delaware, Newark, DE, September 29-30, 2018
- Speaker JMM Joint Mathematics Meetings, San Diego Convention Center, San Diego, CA, January 2018
- Speaker AMS Sectional Meeting: Fall Southeastern Sectional Meeting, University of Central Florida, Orlando, FL, September 2017
- Speaker SEARCDE Florida Gulf Coast University 2016

References

Dr. Ugur G. Abdulla, *Florida Institute Of Technology*, Melbourne, Fl, abdulla@fit.edu.
Department Of Applied Mathematics, Head Of The Department

Dr. Vladislav Bukshtynov, *Florida Institute Of Technology*, Melbourne, Fl, vbukshtynov@fit.edu.
Department Of Applied Mathematics, Assistant Professor in Applied Mathematics

Publications

- 1 Gradient Method in Besov Spaces for the optimal control of parabolic free boundary problems. (joint with Ugur G Abdulla and Vladislav Bukshtynov) Journal of Computational and Applied Mathematics
- 2 On Long-Time Dynamics of the Solution of Doubly Nonlinear Equation (joint with E. Novruzov)
- 3 On the behavior of the solution of the dissipative Camassa-Holm equation with the arbitrary dispersion coefficient, Journal of Differential Equations V.257, pp. 4525-4541, 2014 (joint with E.Novruzov)

List Of Labs/Classes covered at Florida Institute Of Technology - Graduate Assistant

- Spring 2019 – Intro to PDE, DiffEq
- Fall 2018 – Intro to PDE, DiffEq, Calculus 2
- Summer 2018 – DiffEq
- Spring 2018 – Intro to PDE, DiffEq
- Fall 2017 – Intro to PDE, DiffEq, Calculus 1
- Spring 2017 – Calculus 3
- Fall 2016 Calculus 3
- Fall 2016 Intro to PDE
- Spring 2016- Calculus 2
- Fall 2015 – Calculus 1

List Of Labs/Classes covered at Texas AM University - Teaching Assistant

- Spring 2015 – Math414 Fourier Series and Wavelets
- Fall 2014 – Math150 PreCalculus
- Summer 2014 - MATH412: Theory of Partial Differential Equations
- Spring 2014 - Math 151 Engineering Mathematics I CALCULUS I
- Fall 2013 - Math 150 Functions, Trigonometry, and Linear Systems (Precalculus)
- Summer 2013 - Math 141 Business Mathematics 1
- Summer 2013 - Math 150 FUNCTIONS TRIG and Linear Systems

Mathematical Societies

- Spring 2019 – AMS Student Chapter Vice President
- Fall 2018 – AMS Student Chapter Vice President
- Spring 2018 – AMS Student Chapter Vice President
- Fall 2017 – AMS Student Chapter Vice President
- Fall 2016 – AMS Student Chapter Secretary.
- AMS, SIAM