

## Ugur G. Abdulla

### Professor of Mathematics

Department of Mathematical Sciences, Florida Institute of Technology  
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## All Academic Degrees

- 1986 M.S., Azerbaijan State University, Baku, USSR
- 1988 Ph.D., Academy of Sciences, Baku, USSR
- 1994 High Dr.Sci., Baku State University, Baku, Azerbaijan
- 2003 Dr.rer.nat.habil., Saxon State Ministry of Sciences and Fine Arts, Dresden, Germany

## Employment

- Fall 2012 Visiting Professor, Massachusetts Institute of Technology
- 2011–present Professor, Florida Institute of Technology
- 2004–2011 Associate Professor, Florida Institute of Technology
- 2002–2004 Guest Professor, University of Leipzig
- 2000–2002 Max-Planck Research Fellow, Max-Planck Institute, Leipzig
- 1998–1999 Humboldt Research Fellow, University of Paderborn, Germany
- 1996–1997 Royal Society Research Fellow, University of Nottingham, UK
- 1995–2000 Professor, Baku State University, Baku, Azerbaijan
- 1993-1995 Associate Professor, Baku State University, Baku, Azerbaijan
- 1991-1993 Senior Research Scientist, Baku State University, Baku, Azerbaijan
- 1989-1991 Research Scientist, Academy of Sciences, Baku, USSR

## Awards and Fellowships

- 1996-1997 Royal Society's Research Fellowships, Nottingham, UK
- 1998-1999 Alexander von Humboldt Research Fellowships, Paderborn, Germany
- 1998 CNR Visiting Professorships, Catania, Italy
- 2000-2002 Max-Planck Research Fellowships, Leipzig, Germany
- 2003 Alexander von Humboldt Research Fellowships, Bremen, Germany
- 2008 Alexander von Humboldt Research Fellowships, Bonn, Germany

## Short Research Visits

- 03.2012 Visiting Professor, Worcester Polytechnic Institute, Worcester, Massachusetts
- 06.2008–08.2008 Visiting Professor, University of Bonn, Germany
- 05.2004–07.2004 Visiting Professor, International University of Bremen, Germany
- 11.1998–12.1998 Visiting Professor, University of Catania, Italy
- 12.1997–1.1998 Visiting Professor, University of Paderborn, Germany

## Teaching Experience

1991-1995	Faculty of Applied Mathematics, Baku State University Analysis I-III, Complex Analysis, Functional Analysis, Partial Differential Equations, Nonlinear Parabolic Equations
10.2000–5.2001	College of Science, Bilkent University Calculus I,II, Linear Algebra, Partial Differential Equations
10.2002–07.2003	School of Math, and Comp. Science, University of Leipzig Linear Algebra, Free Boundary Problems
1.2004–present	College of Science, Florida Institute of Technology MTH1001-Calculus I MTH2401-Probability/Statistics MTH3101-Complex Variables MTH3201-Boundary Value Problems MTH3210-Introduction to PDEs and Applications MTH4201-Models in Applied Mathematics MTH5115-Functional Analysis MTH5125-Applied Complex Variables MTH5130-Theory of Complex Variables MTH5230-Partial Differential Equations MTH5401-Applied Statistical Analysis MTH5420-Theory of Stochastic Processes MTH6100-Sel. Top. Nonlinear Analysis: Applied PDEs MTH6100-Sel. Top. Nonlinear Analysis: Sobolev Spaces MTH6100-Sel. Top. Nonlinear Analysis: Inverse Problems for PDEs

## Selected Recent Professional Activities

2014–	Chair of SIAM Southeastern Atlantic Section Conference (SIAM SEAS-2014)
2012–	Invited lecture, MIT PDE/Analysis Seminar, November 15, 2012
2012–	Invited lecture, MIT, Seminar: Numerical Methods for PDEs, December 12, 2012
2012–	Invited lecturer, AMS 2012 Spring Southeastern Meeting, March 10-11, 2012, Tampa, Florida
2012–	Invited lecturer, SIAM Southeastern Section Conference. March 24-25, 2012, Huntsville, Alabama
2011–	Minisymposium co-organizer and invited lecturer in SIAM conference on Analysis of PDEs, November 14-17, 2011, San Diego, California
2011-2012	Invited Mentor, NSF–Young Mathematicians Conference (DMS-0841054) The Ohio State University, August 19-21,2011; July 27-29,2012; Columbus, Ohio
2007–	Invited lecturer, AMS 2007 Fall Southeastern Meeting, November 3-4, 2007, Murfreesboro, Tennessee
2000-2008	Member of the organizing committees and invited lecturer on the Third, Fourth and Fifth World Congresses of Nonlinear Analysis
2007–	Minisymposium co-organizer and invited lecturer in SIAM conference on Analysis of PDEs, December 10-12, Mesa, Arizona
2006–	Minisymposium co-organizer and invited lecturer in SIAM conference on Analysis of PDEs to be held together with annual SIAM meeting, July 10-12 2006, Boston, Massachusetts
2005-2012	Invited lectures at MIT, Vanderbilt, Ohio State, Pittsburgh, Bonn Universities, Worcester Polytechnic Institute, University of Florida

## Current Ph.D. and MS Students

Ogugua Onyejekwe(Ph.D. graduate, 2012), Dissertation: *Numerical Methods for Solving Inverse Free Boundary Problems for the Second Order Parabolic Equations*

Max Goldfarb – Ph.D. Student, Florida Tech

Osarhieme Osarenkeho(MS graduate, 2012), Florida Tech

## Recent Undergraduate Research Students

Jessica Cunningham(2007/08-Best in Fair winner in Florida Tech annual Showcase)

Nicole Livingston, Jan Varada(2007/08)

Dominic Lombardi(2008/09), Osarhieme Osarenkeho(2009/2010)

Nathan Mertins(2010/11-Best in Fair winner in Florida Tech annual Showcase)

Almas Abdulla(MIT 2010/11-Invited Speaker in YMC-2011)

Nathan Mertins(2011/12-Invited Speaker in YMC-2012, Honorable Mention)

Almas Abdulla(MIT 2011/2012-Invited Speaker in YMC-2012)

Rashad Abdulla(2011/2012-Invited Speaker in YMC-2012)