

# CURRICULUM VITAE

## Victor Lie

UCLA Department of Mathematics  
Los Angeles, CA 90095-1555  
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### Personal

Born: Sibiu, Romania  
Citizenship: Romanian

### Research Interests

Harmonic analysis:  
Time-frequency analysis, Keakeya & Restriction Problems

### Education

2004-2009 Ph.D., Mathematics, University of California Los Angeles (expected)  
Advisor: Professor Christoph Thiele  
2004-2006 M.A., University of California Los Angeles  
2003-2004 M.A., Normal Superior School - Bucharest  
2001-2003 M.A., University of Bucharest  
1997-2001 B.S., University of Bucharest  
Advisor: Professor Nicolae Popa

### Academic Employment

Research assistant, UCLA

Spring 2008, Winter 2008, Fall 2007  
Spring 2007, Winter 2007, Fall 2006

Teaching assistant, UCLA

Spring 2006 131 A - Analysis  
Winter 2006 131 B - Analysis  
Fall 2005 131 A - Analysis  
Spring 2005 170 A - Probability Theory  
Winter 2005 115 A - Linear Algebra

Research assistant, Institute of Mathematics of the Romanian Academy, Bucharest

2003-present

Teaching assistant, University of Bucharest

2003-2004 Functional Analysis  
Complex Analysis  
2002-2003 Real Analysis

## Awards and Society Memberships

2008-2009    Dissertation Year Fellowship (UCLA)  
 2004-        American Mathematical Society member  
 Spring 2002   Fellowship - University Paris 6 (France)  
 1995        Second Prize, Romanian National Mathematics Olympiad

## Publications and preprints

- 1) *On the boundedness of the maximal Schrödinger operator*,  
in preparation.
- 2) *On Stein's Conjecture on the Polynomial Carleson Operator*,  
preprint (arXiv:0805.1580v1).
- 3) *The (weak- $L^2$ ) Boundedness of the Quadratic Carleson Operator*,  
to appear in Geom. Funct. Anal. (arXiv:0710.2168v2).
- 4) (With S. Barza and N. Popa), *Approximation of infinite matrices by matricial Haar polynomials*,  
Ark. Mat., **43** (2005), 251-269.

## Invited Talks

*"On Stein's Conjecture on the Polynomial Carleson Operator"*:

December 2008    University of Wisconsin  
 December 2008    University of Chicago  
 November 2008    Cornell University  
 July 2008        Oberwolfach, Germany

*"The (weak- $L^2$ ) Boundedness of the Quadratic Carleson Operator"*:

June 2008        El Escorial, Spain  
 January 2008    University of Illinois, Urbana Champaign  
 January 2008    University of California, Los Angeles