

ILKER SAVAS YUCE

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EDUCATION

- **University of Illinois at Chicago**, Chicago, IL, USA.
 - Philosophy of Doctorate in Mathematics, December 2007, Advisor: Peter B.Shalen
- **Middle East Technical University**, Ankara, TURKEY.
 - Master of Science in Mathematics, 1997-1999, Advisor: Mustafa Korkmaz
 - Bachelor of Science in Mathematics, 1992-1997

WORK EXPERIENCE

- **Visiting Assistant Professor**
 - State University of New York at Oswego, Oswego, NY
 - Spring 2009: Multi-variable Calculus, Int. to Discrete Mathematics,
 - Fall 2008: Int. to Abstract Algebra, Int. to Discrete Mathematics, Matrix Algebra.
- **Instructor**
 - University of Illinois at Chicago, Chicago, IL
 - Summer 2005: Intermediate Algebra, TRIO Summer Bridge Program,
 - Spring 2005: Applied Linear Algebra,
 - Fall 2003 and Spring 2004: Calculus III.
- **Teaching Assistant**
 - University of Illinois at Chicago, Chicago, IL
 - Fall 2000-Spring 2007: Complex Analysis, Analysis II, Abstract Algebra I, Analysis I, Advanced Mathematics for Business, Calculus I, Calculus II, Pre-calculus Mathematics, Intermediate Algebra
 - Middle East Technical University, Ankara, TURKEY
 - Fall 1997-1999: Numerical Analysis I, Numerical Analysis II, Calculus I, Calculus II.
- **Research Assistant**
 - University of Illinois at Chicago,
 - Summer 2005, 2006, 2007: Worked with Peter B. Shalen.

RESEARCH INTERESTS

- **Low Dimensional Topology, Geometric Group Theory,**
- **Hyperbolic Geometry, Hyperbolic 3-Manifolds and Kleinian Groups.**

DISSERTATION

- **Decompositions of 2-generator Free Kleinian Groups and Hyperbolic Displacements**

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PUBLICATIONS

- **Decompositions of 2-Generator Free Kleinian Groups and Hyperbolic Displacements I**
(*Submitted*)
- **Decompositions of 2-Generator Free Kleinian Groups and Hyperbolic Displacements II**
(*In preparation*)

TALKS

- **Decompositions of 2-generator Free Kleinian Groups and Hyperbolic Displacements**
State University of New York Oswego, Oswego, *October 2008*
University at Buffalo, Buffalo, *September 2008*,
Pennsylvania State University Mont Alto, *February 2008*,
Suffolk University, *April 2007*,
- **Large Embedded Balls and Heegaard Genus in Negative Curvature**
Geometry, Topology and Dynamics Graduate Student Seminar, UIC, *May 2007*
- **Paradoxical Decompositions, 2-Generator Kleinian Groups, and Volumes of Hyperbolic 3-Manifolds**
Geometry, Topology and Dynamics Graduate Student Seminar, UIC, *May 2006*
- **The Frenet Formulas**
Geometry, Topology and Dynamics Graduate Student Seminar
University of Illinois at Chicago, *June 2005*

CONFERENCES ATTENDED

- **Conference on 3-manifolds in Honor of Peter Shalen's 60th Birthday**
University of Montréal, Montréal, CANADA, June 12-15, 2006
- **Conference on Future Directions in 3-Manifolds**
University of Michigan, Ann Arbor, Michigan, October 15-18, 2005
- **3-Manifolds and Knot Theory Conference,
A Conference in Honor of the 60th Birthday of Cameron Gordon**
University of Texas at Austin, Austin, Texas, May 23-25, 2005
- **Conference on Combinatorial Topology in Mapping Class Groups**
University of Chicago, Chicago, Illinois, April 23-25, 2004

AWARDS AND HONORS

- **Instructor award "Most Patient", TRIO Academic Support Program, *Summer 2005***

PROFESSIONAL

- **Member, American Mathematical Society,**
- **Member, Mathematical Association of America, *2003-2005***

ACADEMIC SERVICE

- **Graduate Student Mentor for First Year Graduate Students**
University of Illinois at Chicago, *2005-2006*

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