

Müge Saadetoğlu

Address:

AS143, Department of Mathematics,
Faculty of Arts and Sciences,
Eastern Mediterranean University,
Gazimagusa,
Mersin 10, Turkey.

Tel: +90 392 630 1030

Email: muge.saadetoglu@emu.edu.tr

Nationality: Turkish Cypriot

EDUCATION AND QUALIFICATIONS

• PhD

- University of Southampton Oct. 2001- Mar. 2005
- Thesis Title: *Finiteness Conditions and Bestvina-Brady Groups*
- Supervisor: Prof. Ian J. Leary
- Area of Research: *Algebraic Topology*. More precisely, three main topics of Study have been Finiteness Properties, Bestvina-Brady Groups and Euler Characteristics.
- *The last six months of my research were spent as a visiting scholar at Ohio-State University Math Department (Oct. 04- Mar. 05).*

• BSc

- University of Southampton 1998-2001
- Mathematics, First Class Honours
- Wide range of subjects in Pure Mathematics including Rings & Fields, Theory of Numbers, Algorithms, Hyperbolic Geometry, Topology, Group Theory and Applications, Topics in Applied Mathematics and Finite Mathematics

• College

- Türk Maarif College, Nicosia, Cyprus 1995-1998
- High School Diploma: 4th highest GPA in School
- 2 A Levels: Mathematics (B), Turkish (A)
9 O-levels including Maths and English, 6 grade A's

WORK EXPERIENCE

- *Assist. Prof. Dr.* at Eastern Mediterranean University, Gazimagusa, Mersin 10, Turkey: Mate306- Topoloji, Math206- Linear Algebra II, Math566- Linear Algebra (Graduate course), Math535- Topology (Graduate course) are few new courses taught in addition to the ones given below. (01.03.2010- Present)
- *Lecturer, Dr.* at Eastern Mediterranean University, Gazimagusa, Mersin 10, Turkey: Math151: Calculus I, Math106: Linear Algebra, Mate321: Cebire Giriş, Math124: Geometry, Mate307: Cebir, Math223: Linear Algebra, Math415: Introduction to Abstract Algebra, Mate104: Soyut Matematik II, Mate112: Soyut Matematik are among the courses taught so far. (2006 -2010).
- *Research Scholar* at Ohio-State University, Columbus, Ohio: I have interacted in research with staff of the Math Department, especially with my PhD supervisor Prof. Ian J Leary (17/09/04 – 30/03/05).
- *Postgraduate Teaching Assistant* at University of Southampton, UK: I delivered Maths tutorials for Engineering Foundation Year Students and for first year Maths undergraduates (2001-2004).
- *Private Tutor* at University of Southampton, UK: I have done private tutoring for two engineering foundation year students (Jan-Jun 2002).

SCHOLARSHIPS

- Fully funded by the Ohio-State university math department and by my PhD supervisor Prof. Ian Leary during my visit at Ohio-State as a research scholar. (17/09/04- 30/03/05).
- Fully funded by the University of Southampton and the Overseas Research Scholarships Committee for postgraduate studies (2001-2004).

- Awarded the only full British Chevening Scholarship given to Northern Cyprus in 1998 for undergraduate studies in UK (1998-2001).

PUBLICATIONS

- Leary, I. and Saadetoğlu, M., *A Topological Proof of a version of Artin's Induction Theorem*, Draft, To Appear.
- Leary, I. and Saadetoğlu, M., *The cohomology of Bestvina-Brady groups*, *Groups, Geometry and Dynamics*, **5** (2011), 121-138.
- Leary, I. and Saadetoğlu, M., *Ordinary homology of Bestvina-Brady groups*, *Oberwolfach Report*, Volume **3**, Issue **2**, (2006) 1191-1192.
- Leary, I. and Saadetoğlu, M., *Some groups of finite homological type*, *Geometriae Dedicata*, **119** (2006) 113-120.
- Saadetoğlu, M., *Finiteness Conditions and Bestvina-Brady Groups*, University of Southampton PhD Thesis, March 2005.

PRESENTATIONS-TALKS

- Have given a talk entitled 'A topological proof of a version of Artin's induction theorem' at General Seminars of M.E.T.U., Ankara, March 2015.
- Have given a presentation entitled 'A topological proof of a version of Artin's induction theorem' at International Congress of Mathematicians (ICM 2014) in Seoul, South Korea, August 2014.
- Have given a talk entitled 'Euler characteristics of some groups' at 2nd Joint EMU-METU (North Cyprus Campus) Seminar, May 2006.
- Have given a seminar at Eastern Mediterranean University in Cyprus, as invited speaker of Ping Zhang, on 'Groups which have FHT but not of type FP', April 2005.
- Have given a Topology seminar at Ohio-State University Math Department entitled 'Groups which have FHT but not of type FP', November 2004.
- Have given a talk in British Mathematical Colloquium 2004 entitled 'Group which has FHT but not of type FP.'
- Presented a poster in LMS Durham Symposium on 'Geometry and Cohomology in Group Theory' July 2003.

CONFERENCES ATTENDED

I have attended several maths conferences so far. Below I list the main ones:

- International Congress of Mathematicians, Seoul, South Korea, August, 2014.
- International Congress of Mathematicians, Madrid, Spain; 22-30 August 2006
- British Women in Mathematics Day, De Morgan House, London 25 May 2005
- London Mathematical Society (LMS) invited lectures, Southampton 5-9 July 2004
- Workshop in Münster, Germany entitled 'Classifying spaces for families of subgroups' June 2004
- British Mathematical Colloquium 2004, Belfast, April 2004
- British Topology Meeting 18, Manchester, September 2003
- LMS Durham Symposium on 'Geometry and Cohomology in Group Theory' Durham, July 2003
- 55th British Mathematics Colloquium, Birmingham, April 2003
- Topology Meeting, King's College London, 6 December 2002
- Discrete Groups and Analysis Workshop, Southampton, 5-7 September 2002
- Barcelona Conference on Algebraic Topology (BCAT), Barcelona, Spain, 2-6 July 2002
- 4th Postgraduate Group Theory Conference, Birmingham, 17-19 April 2002
- British (Applied) Mathematical Colloquium, Warwick, 8-11 April 2002
- 17th British Topology Meeting, Leicester, 5-7 April 2002

COMPUTER SKILLS

- Latex, Microsoft Word, Excel, X-fig (working knowledge)
- C-programming, Visual Basic, Java (limited)

LANGUAGES

- Turkish (Mother-tongue), English (Fluent), German (Basic)

ACTIVITIES AND INTERESTS

I enjoy cinema, reading, cycling, walking, listening to music and keep fit classes. During my years at University of Southampton, I have also been an active member of the Staff Club Ladies Football team and the Turkish Society of the University of Southampton.