

## **BURAK OZBAGCI'S CURRICULUM VITAE**

Associate Prof., Koc University, 2006---present

Visiting Assistant Prof., Georgia Institute of Technology,  
Fall 2005 & Spring 2006

Assistant Prof., Koc University, 2002-2005

Visiting Research Instructor, Michigan State University, 1999-2002

Ph.D. University of California at Irvine, 1999

### **AWARDS and HONORS**

Masatoshi Gündüz Ikeda Science Award, 2008

ODTU M. Parlar Foundation Junior Research Award, 2007

TUBITAK (Scientific and Technical Research Council of Turkey) Grant  
for “Topology of contact 3-manifolds” , 2007--2010

Sedat Simavi Science Award, 2006

TUBITAK --TWAS (Third World Academy of Sciences) Science Award  
for Young Scientists in Developing Countries, 2006

National Science Foundation--Focused Research Group Grant, August  
2005---May 2006

Werner-von-Siemens Excellence Award (Koc University, 2005)

Outstanding Young Scientist Award and Grant by the Turkish Academy  
of Sciences, June 2003--June2006

### **RESEARCH INTERESTS**

Low-dimensional manifolds, symplectic and contact topology

## RESEARCH ARTICLES

- (21) [Full Lutz twist along the binding of an open book](#), (with M. Pamuk), preprint
- (20) [Contact handle decompositions](#), preprint
- (19) [Relative Giroux correspondence](#), (with [T. Etgu](#) ) preprint
- (18) [Partial open book decompositions and the contact class in sutured Floer homology](#), (with [T. Etgu](#) ) to appear in *Turkish Journal of Mathematics*
- (17) [On the contact Ozsvath-Szabo invariant](#), (with [T. Etgu](#) ) to appear in *Studia Sci. Math. Hungarica*
- (16) [Surgery diagrams for horizontal contact structures](#),  
*Acta Mathematica Hungarica* 120 (1) 2008
- (15) [On sections of elliptic fibrations](#), (with [M. Korkmaz](#))  
*Michigan Mathematical Journal* 56 (1) 2008
- (14) [Invariants of contact structures from open books](#), (with [J. B. Etnyre](#))  
*Transactions of the American Mathematical Society* 360 (6) 2008
- (13) [Explicit horizontal open books on some Seifert fibered 3-manifolds](#),  
*Topology and its Applications* 154 (4) 2007
- (12) [Open books and plumbings](#), (with [J. B. Etnyre](#))  
*International Mathematics Research Notices* vol. 2006, Article ID 72710, 2006.
- (11) [Explicit horizontal open books on some plumbings](#), (with [T. Etgu](#) )  
*International Journal of Mathematics* 17 (9) 2006
- (10) [Embedding fillings of contact 3-manifolds](#),  
*Expositiones Mathematicae* 24 (2) 2006
- (9) [An open book decomposition compatible with rational contact surgery](#),  
*Proceedings of 12th Gokova Geometry -Topology Conference, 2005*
- (8) [A note on contact surgery diagrams](#),  
*International Journal of Mathematics* 16 (1) 2005
- (7) [Contact 3-manifolds with infinitely many Stein fillings](#), (with [A. I. Stipsicz](#))  
*Proceedings of the American Mathematical Society*, (132) 2004

[\(6\) Commutators, Lefschetz fibrations and signatures of surface bundles over surfaces.](#) (with H. Endo, M. Korkmaz, D. Kotschick, A. Stipsicz) *Topology*, (41) 2002

[\(5\) On the topology of compact Stein surfaces.](#) (with [S. Akbulut](#))  
*International Mathematics Research Notices*, (15) 2002

[\(4\) Signatures of Lefschetz fibrations.](#)  
*Pacific Journal of Mathematics*, 202 (1) 2002

[\(3\) Lefschetz fibrations on compact Stein surfaces.](#) (with [S. Akbulut](#))  
*Geometry & Topology*, (5) 2001

[\(2\) Minimal number of singular fibers in a Lefschetz fibration.](#) (with [M. Korkmaz](#))  
*Proceedings of the American Mathematical Society*, (129) 2001

[\(1\) Noncomplex smooth 4-manifolds with genus-2 Lefschetz fibrations.](#) (with [A. I. Stipsicz](#))  
*Proceedings of the American Mathematical Society*, (128) 2000

## BOOK

[Surgery on contact 3-manifolds and Stein surfaces](#), (with [A. I. Stipsicz](#)) .  
*Bolyai Society Mathematical Studies*, Vol. 13, Springer 2004

## INVITED TALKS

Izmir Algebraic Geometric Topology Days, January 2009, (Click [here](#) for my presentation)

Alfred Renyi Institute of Mathematics, September 2008

Middle East Technical University, April 2008  
(Click [here](#) for my presentation)

Georgia Topology Conference, University of Georgia, May 2007

Atilim University, December 2006

13th Gokova Geometry / Topology conference, Turkey, May 2006

Department of Mathematics, University of Georgia, December 2005

Alfred Renyi Institute of Mathematics, June 2004

Korea Institute for Advanced Study, July 2003

Feza Gursey Institute, February 2003

Department of Mathematics, Princeton University, April 2002

Department of Mathematics, Kansas State University, November 2001

8th Gokova Geometry / Topology conference, Turkey, May 2001

Department of Mathematics, Cornell University, April 2001

Symplectic Geometry and Applications to Physics, UC Irvine, April 2001

7th Gokova Geometry / Topology Conference, Turkey, May 2000

Feza Gursey Institute, Turkey, May 2000

Georgia Topology Conference, University of Georgia, May 1999

Department of Mathematics, Duke University, January 1999