Mehmetcik Pamuk

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EDUCATION

Ph.D., Mathematics, **McMaster University**, Canada, 2008
  Advisor: Ian Hambleton

M.S., Mathematics, **Middle East Technical University** , Turkey, 2002
  Advisor: Yıldıray Ozan

B.S., Mathematics, **Middle East Technical University**, Turkey, 1999

EXPERIENCE

Assistant Professor, Middle East Technical University	2009 - present
Postdoctoral Fellow, Koç University	2008 - 2009
Teaching Assistant, McMaster University	2003 - 2008
Teaching Assistant, Middle East Technical University	1999 - 2003

RESEARCH INTERESTS

Algebraic and Geometric Topology, Computational Topology

PAPERS AND PREPRINTS

▷ Homotopy Self-Equivalences of 4-manifolds with PD_2 Fundamental Group, Topology and its Applications, 156 (8) 2009.

▷ Homotopy Self-Equivalences of 4-manifolds with Free Fundamental Group, Canadian Journal of Mathematics, 62 2010

▷ Full Lutz twist along the binding of an open book (with B. Özbağcı), Geometriae Dedicata 147 (1) 2010.

▷ Homotopy self-equivalences of 4-manifolds with π_1-free second homotopy, Journal of the Mathematical Society of Japan, 63 (1) 2011.

▷ s-cobordism Classification of 4-Manifolds Through the Group of Homotopy Self-Equivalences (with F. Hegenbarth and D. Repovš), Mediterr. J. Math. 12 (3) 2015.

▷ Arbitrarily Long Factorizations in Mapping Class Groups, (with E. Dalyan and M. Korkmaz), International Mathematics Research Notices, (19) 2015.

▷ Homotopy Classification of PD_4-complexes Relative an Order Relation, (with F. Hegenbarth and D. Repovš), Monatshefte für Mathematik, 177 (2) 2015.

▷ A Note on Generalized Matsumoto Relation in the Mapping Class Group, (with Elif Dalyan and Elif Medetoğulları), to appear in Turkish Journal of Mathematics.

▷ Perfect Discrete Morse Functions on Connected Sums, (with Neza Mramor Kosta and Hanife Varlı), submitted.

▷ Integral Laminations on non-orientable surfaces, (with S. Öykü Yurttaş), submitted.

▷ Homotopy self-equivalences of manifolds,
Faculty of Mathematics and Physics University of Ljubljana, Slovenia,
September 22, 2016.

▷ Homotopy classification of PD_4-complexes,
Glances @ Manifolds, Jagiellonian University, Krakow, Poland July 17-20, 2015.

▷ Arbitrarily long factorizations in mapping class groups,
Faculty of Mathematics and Physics University of Ljubljana, Slovenia,
June 17, 2015.

▷ Nonsimply-connected 4-manifolds,
Algebraic and Geometric Topology Workshop – in honor of Turgut Önder's 65-th
birthday, METU Ankara, January 9-10 2015.

▷ Arbitrarily long factorizations in mapping class groups,
International Congress of Mathematicians, Seoul, Korea August 13-21, 2014.

▷ Homotopy self-equivalences of manifolds,
28th Summer Conference on Topology and Its Applications, Nipissing University,
Canada July 23-26, 2013.

▷ s-cobordism classification of 4-manifolds through the group of homotopy self-equivalences,
Faculty of Mathematics and Physics University of Ljubljana, Slovenia,
September 5, 2012.

▷ Full Lutz twist along the binding of an open book,
İzmir Algebraic Geometric Topology Days II, Dokuz Eylül University, İzmir,
January 9-14 2011.

▷ Homotopy self-equivalences of manifolds,
Faculty of Mathematics and Physics University of Ljubljana, Slovenia,
October 24, 2011.

▷ Four Manifolds with Free Fundamental Group,
Young Topologist Meeting, University of Copenhagen, Denmark June 16-20 2010.

▷ 4-Manifolds with free or surface fundamental group,
İzmir Algebraic Geometric Topology Days I, Dokuz Eylül University, İzmir,
January 12-16 Ocak 2009.

▷ 4-Manifolds,
XI. Antalya Algebra Days, Antalya, May 20-24 2009.

▷ Homotopy Self-Equivalences of 4-Manifolds with Free Fundamental Group,
Ottawa Mathematics Conference, University of Ottawa, Canada May 1-2 2008.

▷ Serbest Temel Gruba Sahip Dört Manifoldların Homotopi Öz Denklikleri,
XXI. Ulusal Matematik Sempozyumu, Koç Üniversitesi, İstanbul, 1-4 Eylül 2008.

▷ Gönderim Sınıfı Grubunda Uzun Çarpımlar,
8. Ankara Matematik Günleri, Çankaya Üniversitesi, 13-14 Haziran 2013.

▷ PD_4 Komplekslerin Bir Sıralama Bağıntısına Göre Homotopi Sınıflandırması,
9. Ankara Matematik Günleri, Atılım Üniversitesi, 12-13 Haziran 2014.

GRANTS

▷ Yüzey Gruplarının Torelli Grubunun İçine Gömülmesi, BAP, Proje Koordinatörü, 2013–2015.

▷ Classification of 4 manifolds up to s-cobordism, TÜBİTAK PROJESİ, Proje Koordinatörü, 2012–2015.

▷ Topolojik 4 Manifoldların s-Kobordizm Sınıflandırması, BAP, Proje Koordinatörü, 2010.

SERVICE

▷ Referee: Turkish Journal of Mathematics, Algebraic & Geometric Topology

▷ Reviewer: Mathematical Reviews.

▷ Organazing Committe Member: 10. Ankara Matematik Gnleri.