

## Personal data

Full Name	Tarje Askjær Bargheer
Born	27/12 1982, Denmark
Languages	Danish (native), English (fluent), German (upholds conversations)
Citizenship	Danish
Email	bargheer@math.ku.dk
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## Postdoctoral Work

2012-2013	Carlsberg Foundation Postdoc, University of Melbourne, Australia
sep.-dec. 2011	Leibniz Fellow, Mathematical Research Institute Oberwolfach, Germany

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## Degrees and education

2008-2011	PhD, Center for Symmetry and Deformation, Departement of Mathematics. Supervisor: Nathalie Wahl.
2005-2008	cand.scient, mathematics, University of Copenhagen.
2001-2005	B.Sc, mathematics, University of Copenhagen.

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## Awards and External Grants

2008	Emil Herborg Research Travel Stipend, covering research trip to USA prior to PhD-stipend acceptance at Copenhagen
2009	Winner of the Masters Thesis Prize (Specialepris) of 2009, Danish Mathematical Society(Cash Prize: 15.000 D.kr.)
2011	Postdoctoral grant from the Carlsberg Foundation (350.000 D.Kr.)

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## Work, Teaching and Outreach Experience

2004-2005	In total 7 teaching assistantships on primarily Introductory Calculus and Linear Algebra at Institute for mathematical sciences, University of Copenhagen.
2008-2011	Class teacher, Introduction to Mathematics – 3 classes
2008-2011	Class teacher, Linear Algebra – 3 classes
2008-2010	Recurring lecturer on the life as a researched for freshmen students at their first day at the University of Copenhagen
2008-2011	Popular lectures on mathemaical research for high-school classes visiting University of Copenhagen
2011	Science Days, representing Oberwolfach at Europa Park, Baden-Württemberg, to excite German schoolkids about math.

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## Selected Invited Talks on my Research

sep. 2011	"An $E_{n+1}$ -operad acting on $M^N$ stably", Conference on Homotopy Theory, Mathematical Research Institute Oberwolfach
feb. 2010	"Umkehr Maps", Strings in Copenhagen, University of Copenhagen
aug. 2009	"A colourification of the Chas-Sullivan Loop Product", Strings, Loops and Moduli Spaces, Chern Institute, Tianjin, China
feb. 2009	"The Cleavage Operad", University of Melbourne
dec. 2007	"Operads in String Topology", University of Cambridge, Graduate Homotopy Theory Conference

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## Visits Abroad and Conferences Attended

aug. 2011	Homotopical approaches to group actions, University of Copenhagen, Denmark
sep. 2010	Conference in Honour of Ryszard Nests 60. birthday, University of Copenhagen, Denmark
aug. 2010	West Coast Algebraic Topology Conference, University of Oregon, USA
feb. 2010	Copenhagen Topology Conference, Copenhagen, Denmark
aug. 2009	Strings, Loops and Moduli Spaces, Chern Institute, Tianjin, China
feb-aug 2009	'Honorary Visitor', University of Melbourne, Melbourne, Australia
jul. 2009	1. Pacific Rim Mathematical Association Congress, Sydney, Australia
nov. 2008	$E_n$ -operads, University of Copenhagen, Denmark
nov. 2008	Nordic Topology Meeting, Trondheim, Norway
aug 2008	Master Class on Planar Algebra, University of Aarhus, Denmark
dec. 2007	Graduate Homotopy Theory Conference, Cambridge, UK
jul. 2007	First Copenhagen Topology Conference, Copenhagen Denmark
may 2007	Topology in the Swiss Alps, Le Chatelârd, Switzerland

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## Local Seminar and Workshop Participation

2011	Homotopy Theory, Oberwolfach
2011	Noncommutative Geometry, Oberwolfach
2010	Parametrized Seminar, University of Copenhagen
2010	Young Topologists Seminar, University of Copenhagen
2010	Chiral Homology and $E_n$ -structures, University of Copenhagen
2009	Waldhausen $K$ -theory, University of Copenhagen
2009	Khovanov Homology, University of Melbourne
2009	Conformal Field Theories, University of Melbourne
2008	Symmetric Spectra, University of Copenhagen

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