

CURRICULUM VITAE

Søren Galatius

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PERSONAL DATA

Born August 1, 1976 in Randers, Denmark. Danish citizen.

EDUCATION

Ph. D. in Mathematics, Aarhus University, 2004

M. S. in Mathematics, Aarhus University, 2002

B. S. in Physics, Aarhus University, 1998

EMPLOYMENT

Szegő Assistant Professor, Stanford University (9/04 - 8/06)

Assistant Professor, Stanford University (9/06 - present)

INVITED LECTURES

Conferences and Colloquia

European Congress of Mathematics, Amsterdam, 7/08

Plenary talk, AMS regional, Baton Rouge, 3/08

Plenary talk, AMS regional, San Diego, 1/08

Plenary talk, Postnikov Memorial, Bedlewo, Poland, 6/07

Geometry and Physics, Villa de Leyva, Colombia, 6/07

Colloquium, University of Oregon, 5/07

Colloquium, Rutgers, 3/07

Colloquium, University of Virginia, 3/07

Topology, Banff, Canada, 2/07

Colloquium, UC Santa Cruz, 10/06

First Copenhagen Topology Conference, Copenhagen, 9/06

Wasatch Topology Conference, Park City, Utah, 8/2006

Geometric Group Theory, Montreal, 7/06

Cornell Topology Festival, 5/06

String Topology, Morelia, Mexico, 1/06

Brandeis-Harvard-MIT-Northeastern joint Colloquium, 9/05

Algebraic and Differential Topology (Hsiang), Stanford, 8/05
Midwest Topology, Chicago, 4/05
The Moduli Space of Curves, Palo Alto, 3/05
String Topology, Stony Brook, 8/03
Mapping Class Groups et Homotopie Stable, Luminy, France, 1/02
Junge Topologen und Neue Topologie, Münster, Germany, 9/01

Seminars

Aarhus (2002-2007), Aberdeen (2002), Trondheim (2002, 2005),
Oxford (2003), Oslo (2003), Lille (2003), Stanford (2005), MIT
(2005, 2006), Chicago (2005), Northwestern (2005), Urbana-Champaign
(2005), Harvard (2005), Johns Hopkins (2006), Rome (2006), Prince-
ton (2006), NYU (2006), Copenhagen (2006, 2007), Oregon (2007)

General audience

Faculty of Sciences 50th Anniversary, Aarhus University, 6/04

AWARDS AND HONORS

National Science Foundation grant DMS0505740
Terman Fellowship Award 2007–2010
Clay Research Fellowship 2007–2010

OTHER ACADEMIC FUNCTIONS

Coorganizer, *Homotopy of Moduli Spaces*, Oberwolfach 10/03
Coorganizer, *Topology of Moduli Spaces*, Stanford 01/07
Coorganizer, Department colloquium, 2007-

PAPERS

1. S. Galatius: *Mod p homology of the stable mapping class group*, *Topology* **43** (2004), 1105–1132.
2. S. Galatius: *Secondary Characteristic Classes of Surface Bundles*, preprint, arXiv: math.AT/0402226.
3. S. Galatius: *Mod 2 homology of the stable spin mapping class group*, *Math. Ann.* **334** (2006), 439 - 455.
4. S. Galatius, I. Madsen, U. Tillmann: *Divisibility of the Stable Miller-Morita-Mumford Classes*, *J. Amer. Math. Soc.* **19** (2006), no. 4, 759–779.

5. S. Galatius, Ya. Eliashberg, N. Mishachev: *Madsen-Weiss for Geometrically Minded Topologists*. In preparation.
6. S. Galatius, I. Madsen, U. Tillmann, M. Weiss: *The Homotopy Type of the Cobordism Category*. Acta Math., to appear. arXiv: math.AT/0605249.
7. S. Galatius: *Stable homology of automorphism groups of free groups*. Submitted to *Ann. of Math.* arXiv: math.AT/0610216.
8. Ya. Eliashberg, S. Galatius: *Homotopy Theory of Compactified Moduli Space*, in *Analysis and Topology in Interaction*, eds. U. Bunke, S. Goette, K. Igusa, T. Schick. Oberwolfach report 13/2006. Available at http://www.mfo.de/programme/schedule/2006/11/OWR_2006_13.pdf