CURRICULUM VITAE

Soren Galatius

Department of Mathematics
Stanford University, Bldg. 380
Stanford, CA 94305, USA

E-mail : galatius@stanford.edu
Phone : +1 650 723 2969
Fax : +1 650 725 4066

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

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 (2002-2006), 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), Princeton (2006), NYU (2006), Copenhagen (2006, 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

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*. arXiv: math.AT/0605249.
7. S. Galatius: *Stable homology of automorphism groups of free groups*. 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`