
Publications and preprints list

Stefan Müller

Publications

- *Helicity of vector fields preserving a regular contact form and topologically conjugate smooth dynamical systems*, with Peter Spaeth, to appear in *Ergod. Th. & Dynam. Sys.*, 35 pages, preprint at arXiv:1106.1968v2 [math.SG]
- *On properly essential classical conformal diffeomorphism groups*, with Peter Spaeth, to appear in *Ann. of Global Anal. and Geom.*, 11 pages, online first DOI 10.1007/s10455-011-9304-y, November 2011
- *The group of Hamiltonian homeomorphisms in the L^∞ -norm*, *J. Korean Math. Soc.* 45 (2008), no. 6, 1769-1784
- *The group of Hamiltonian homeomorphisms and C^0 -symplectic topology*, with Yong-Geun Oh, *J. Symplectic Geom.* 5 (2007), no. 2, 167-219

Ph.d. thesis

- *The group of Hamiltonian homeomorphisms and C^0 -symplectic topology*, Ph.D. thesis, the University of Wisconsin - Madison, 2008, 104+v pages

ArXiv preprints

- *Topological contact dynamics II: topological automorphisms, contact homeomorphisms, and non-smooth contact dynamical systems*, with Peter Spaeth, 39 pages, arXiv:1203.4655v1 [math.SG]
- *Topological contact dynamics I: symplectization and applications of the energy-capacity inequality*, with Peter Spaeth, 44 pages, arXiv:1110.6705v2 [math.SG]
- *A note on the volume flux of smooth and continuous strictly contact isotopies*, 8 pages, arXiv:1107.4869v1 [math.SG]
- *Approximation of volume preserving homeomorphisms by volume preserving diffeomorphisms*, 8 pages, arXiv:0901.1002v3 [math.DS]

In preparation

- *Topological contact dynamics III*, with Peter Spaeth