

DANIEL TUBBENHAUER

PUBLICATIONS

- Preprint* **Oct.2017** Relative cellular algebras
<https://arxiv.org/abs/1710.02851>
Authors: Michael EHRIG, Daniel TUBBENHAUER
- Preprint* **Mar.2017** Functoriality of colored link homologies
<https://arxiv.org/abs/1703.06691>
Authors: Michael EHRIG, Daniel TUBBENHAUER, PAUL WEDRICH
- Accepted* **Jan.2017** Webs and q -Howe dualities in types **BCD**
To appear in Trans. Amer. Math. Soc. <http://arxiv.org/abs/1701.02932>
Authors: Antonio SARTORI, Daniel TUBBENHAUER
- Accepted* **Dec.2016** Simple transitive 2-representations via (co)algebra 1-morphisms
To appear in Indiana Univ. Math. J. <http://arxiv.org/abs/1612.06325>
Authors: Marco MACKAAY, Volodymyr MAZORCHUK, Vanessa MIEMIETZ, Daniel TUBBENHAUER
- Preprint* **Nov.2016** Singular TQFTs, foams and type D arc algebras
<http://arxiv.org/abs/1611.07444>
Authors: Michael EHRIG, Daniel TUBBENHAUER, Arik WILBERT
- Accepted* **Sep.2016** Two-color Soergel calculus and simple transitive 2-representations
To appear in Canad. J. Math. <http://arxiv.org/abs/1609.00962>
Authors: Marco MACKAAY, Daniel TUBBENHAUER
- Preprint* **Jan.2016** Generic \mathfrak{gl}_2 -foams, web and arc algebras
<http://arxiv.org/abs/1601.08010>
Authors: Michael EHRIG, Catharina STROPPEL, Daniel TUBBENHAUER
- Published* **Oct.2015** The Blanchet–Khovanov algebras
Categorification and Higher Representation Theory, 183–226, Contemp. Math., 683, Amer. Math. Soc., Providence, RI, 2017.
<http://arxiv.org/abs/1510.04884>
Authors: Michael EHRIG, Catharina STROPPEL, Daniel TUBBENHAUER
- Published* **Jul.2015** Semisimplicity of Hecke and (walled) Brauer algebras
J. Aust. Math. Soc. 103 (2017), no. 1, 1–44. <http://arxiv.org/abs/1507.07676>
Authors: Henning H. ANDERSEN, Catharina STROPPEL, Daniel TUBBENHAUER
- Published* **Apr.2015** Super q -Howe duality and web categories
Algebr. Geom. Topol. 17-6 (2017), 3703–3749.
<http://arxiv.org/abs/1504.05069>
Authors: Daniel TUBBENHAUER, Pedro VAZ, Paul WEDRICH
- Published* **Mar.2015** Cellular structures using U_q -tilting modules
Pacific J. Math. 292-1 (2018), 21–59.
<http://arxiv.org/abs/1503.00224>
Authors: Henning H. ANDERSEN, Catharina STROPPEL, Daniel TUBBENHAUER
- Published* **Jan.2015** Symmetric webs, Jones–Wenzl recursions and q -Howe duality
Int. Math. Res. Not. (IMRN), 2016–17 (2016), 5249–5290.
<http://arxiv.org/abs/1501.00915>
Authors: David E.V. ROSE, Daniel TUBBENHAUER

- Published* *Sep.2014* Diagram categories for U_q -tilting modules at roots of unity
 Transform. Groups 22 (2017), no. 1, 29–89. <http://arxiv.org/abs/1409.2799>
 Authors: Henning H. ANDERSEN, Daniel TUBBENHAUER
- Preprint* *Apr.2014* \mathfrak{sl}_η -webs, categorification and Khovanov–Rozansky homologies
<http://arxiv.org/abs/1404.5752>
 Author: Daniel TUBBENHAUER
- Published* *Oct.2013* \mathfrak{sl}_3 -web bases, intermediate crystal bases and categorification
 J. Algebraic Combin. 40-4 (2014), 1001–1076.
<http://arxiv.org/abs/1310.2779>
 Author: Daniel TUBBENHAUER
- Published* *Jun.2012* The \mathfrak{sl}_3 web algebra
 Math. Z. 277-1-2 (2014), 401–479. <http://arxiv.org/abs/1206.2118>
 Authors: Marco MACKAAY, Weiwei PAN, Daniel TUBBENHAUER
- Published* *Nov.2011* Virtual Khovanov homology using cobordisms
 J. Knot Theory Ramifications 23-9 (2014), 91 pages.
<http://arxiv.org/abs/1111.0609>
 Author: Daniel TUBBENHAUER
- Futher* *2011-xx* Eprints etc.
 See <http://www.dtubbenhauer.com/preprint.html>
 Author: Daniel TUBBENHAUER

April 3, 2018