

# 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
- Preprint* **Jan.2017** Webs and  $q$ -Howe dualities in types **BCD**  
<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>  
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- 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  
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- 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.  
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- Published* **Jul.2015** Semisimplicity of Hecke and (walled) Brauer algebras  
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- Published* **Apr.2015** Super  $q$ -Howe duality and web categories  
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<http://arxiv.org/abs/1504.05069>  
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- Published* **Mar.2015** Cellular structures using  $U_q$ -tilting modules  
Pacific J. Math. 292-1 (2018), 21–59.  
<http://arxiv.org/abs/1503.00224>  
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- Published* **Jan.2015** Symmetric webs, Jones–Wenzl recursions and  $q$ -Howe duality  
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- Published* *Sep.2014* Diagram categories for  $U_q$ -tilting modules at roots of unity  
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- Published* *Jun.2012* The  $\mathfrak{sl}_3$  web algebra  
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- Published* *Nov.2011* Virtual Khovanov homology using cobordisms  
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- Futher* *2011-xx* Eprints etc.  
 See <http://www.dtubbenhauer.com/preprint.html>  
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