

Workshop on  
“Monoidal and 2-categories in representation theory and  
categorification”

30 November 2020 - 04 December 2020

organized by

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Time measurement: UTC (Bonn is UTC+1)

• Monday, November 30

4:00pm - 5:00pm	<b>Raphael Rouquier</b> <i>Affinizations and modular representations of finite groups</i>
5:00pm - 6:00pm	<b>Break</b>
6:00pm - 7:00pm	<b>Chris Bowman</b> <i>Tautological <math>p</math>-Kazhdan–Lusztig Theory for cyclotomic Hecke algebras</i>
7:15pm - 8:15pm	<b>Thorsten Heidersdorf</b> <i>On fusion rules for supergroups</i>

• Tuesday, December 1

4:00pm - 5:00pm	<b>Lars Thorge Jensen</b> <i>Cellularity of the <math>p</math>-Kazhdan–Lusztig Basis for Symmetric Groups</i>
5:00pm - 6:00pm	<b>Break</b>
6:00pm - 7:00pm	<b>Iva Halacheva</b> <i>The cactus group, crystals, and perverse equivalences</i>
7:15pm - 8:15pm	<b>Monica Vazirani</b> <i>Representations of the affine BMW category</i>

• Wednesday, December 2

4:00pm - 5:00pm	<b>Vanessa Miemietz</b> <i>A categorified double centraliser theorem and applications to Soergel bi-modules</i>
5:00pm - 6:00pm	<b>Break</b>

6:00pm - 7:00pm	<b>Matt Hogancamp</b> <i>Soergel bimodules and the Carlsson–Mellit algebra</i>
7:15pm - 8:15pm	<b>Laura Rider</b> <i>Modular Perverse Sheaves on the affine Flag Variety</i>

- **Thursday, December 3**

4:00pm - 5:00pm	<b>Juliet Cooke</b> <i>Skein categories</i>
5:00pm - 6:00pm	<b>Break</b>
6:00pm - 7:00pm	<b>Martina Lanini</b> <i>Attractive forests and torus actions</i>
7:15pm - 8:15pm	<b>Victor Ostrik</b> <i>Two dimensional topological field theories and partial fractions</i>

- **Friday, December 4**

4:00pm - 5:00pm	<b>Inna Entova-Aizenbud</b> <i>Jacobson–Morozov Lemma for Lie superalgebras using semisimplification</i>
5:00pm - 6:00pm	<b>Break</b>
6:00pm - 7:00pm	<b>Mikhail Khovanov</b> <i>Universal construction in ultra low dimensions</i>
7:15pm - 8:15pm	<b>Ben Elias</b> <i>Categorifying Hecke algebras at prime roots of unity</i>