

DANIEL TUBBENHAUER

INVITED SPEAKER

Seminar talk (in person)
73) *June.2022*
Subfactors in a nutshell
The University of Sydney

Seminar talk (online)
72) *Apr.2022*
On weighted KLRW algebras
Beijing Institute of Technology

Seminar talk (in person)
71) *Mar.2022*
Temperley–Lieb times four
The University of Sydney

Seminar talk (in person)
70) *Mar.2022*
Some history of quantum groups
The University of Sydney

Seminar talk (in person)
69) *Mar.2022*
Monoidal categories, representation gap and cryptography
The University of Sydney

Seminar talk (online)
68) *Feb.2022*
On weighted KLRW algebras
Okinawa Institute of Science and Technology (OIST)

Seminar talk (online)
67) *Dec.2021*
Diagrammatics and cryptography
Newcastle University

Seminar talk (online)
66) *Dec.2021*
Monoidal categories and cryptography
AustMS2021, the 2021 meeting of the Australian Mathematical Society

Seminar talk (online)
65) *Aug.2021*
Aspects of (categorical) representation theory
Aarhus University

64) *Aug.2021*
Why (categorical) representation theory?

- Seminar talk
(online)* Okinawa Institute of Science and Technology (OIST)
-
- 63) Jul.2021*
Fusion rules for SL_2
- Seminar talk
(online)* The RepNet virtual seminar
-
- 62) Apr.2021*
2-representations of Soergel bimodules
- Conference talk
(online)* Joint meeting of the British Mathematical Colloquium (BMC) and the British Applied Mathematics Colloquium (BAMC), Glasgow
-
- 61) Mar.2021*
 SL_2 and fractals
- Seminar talk
(online)* University of Birmingham and University of Warwick
-
- 60) Feb.2021*
Why (modular) representation theory?
- Research talk
(online)* University of Oklahoma
-
- 59) Feb.2021*
Fractals and modular representations of SL_2
- Seminar talk
(online)* Newcastle University
-
- 58) Dec.2020*
Green's theory of cells in categorification
- Seminar talk
(online)* Columbia University, New York City
-
- 57) Sep.2020*
On categories of tilting modules
- Seminar talk
(online)* University of Georgia, Athens (Georgia)
-
- 56) Sep.2020*
What is...2-representation theory?
- Seminar talk
(online)* New Trends in Representation Theory (Junior Hausdorff Trimester Program), Bonn, Germany
-
- 55) Aug.2020*
On categories of tilting modules
- Conference talk
(online)* Quantum groups, Categorification, Knot invariants, and Soergel bimodules (Quacks), University of Oregon, Eugene
-
- 54) Apr.2020*
Why 2-representation theory?

- Seminar talk (online)* Trinity College Dublin
-
- 53) *Mar.2020*
Why 2-representation theory?
- Seminar talk* Vrije Universiteit Brussel
-
- 52) *Mar.2020*
All I know about Artin–Tits groups
- Seminar talk* Université Paris Diderot
-
- 51) *Jan.2020*
What is...2-representation theory?
- Seminar talk* Karl-Franzens–Universität, Graz
-
- 50) *Dec.2019*
2-representations of Soergel bimodules I
- Conference talk* Casa Matemática Oaxaca (CMO)
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- 49) *Sep.2019*
2-representations of Soergel bimodules
- Seminar talk* Columbia University, New York City
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- 48) *Sep.2019*
2-representations of Soergel bimodules—dihedral case
- Seminar talk* Columbia University, New York City
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- 47) *Jul.2019*
Dihedral groups, $SL(2)_q$ and beyond
- Conference talk* The University of East Anglia, Norwich
-
- 46) *Jun.2019*
2-representation theory of Soergel bimodules
- Conference talk* Karlsruhe Institute for Technology
-
- 45) *Apr.2019*
All I know about Artin–Tits groups
- Seminar talk* Uppsala universitet
-
- 44) *Mar.2019*
A tale of dihedral groups, $SL(2)_q$, and beyond
- Seminar talk* Vrije Universiteit Brussel and the Université libre de Bruxelles and the Université catholique de Louvain, Brussels

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- 43) *Mar.2019*
 Handlebodies, Artin-Tits and HOMFLYPT
 University of Sydney
Seminar talk
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- 42) *Mar.2019*
 Handlebodies, Artin-Tits and HOMFLYPT
 University of Melbourne
Seminar talk
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- 41) *Feb.2019*
 What is...finitary 2-representation theory?
 Australian National University, Canberra
Colloquium talk
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- 40) *Feb.2019*
 A tale of dihedral groups, $SL(2)_q$, and beyond
 Australian National University, Canberra
Seminar talk
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- 39) *Feb.2019*
 HOMFLYPT homology for links in handlebodies
 Australian National University, Canberra
Seminar talk
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- 38) *Jan.2019*
 HOMFLYPT homology for links in handlebodies
 Vrije Universiteit Brussel and the Université libre de Bruxelles and the
 Université catholique de Louvain, Brussels
Conference talk
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- 37) *Jan.2019*
 A primer on finitary 2-representation theory
 Erwin Schrödinger International Institute for Mathematics and Physics, Vienna
Conference talk
-
- 36) *Nov.2018*
 Generalizing zigzag algebras
 University of southern California, Los Angeles
Seminar talk
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- 35) *Oct.2018*
 What is...(2-)representation theory?
 ETH Zürich and the Universität Zürich
Colloquium talk
-
- 34) *Oct.2018*
 2-representation theory in a nutshell
 ETH Zürich
Seminar talk
-
- 33) *Jul.2018*

- Conference talk* A tale of dihedral groups, $SL(2)$, and beyond
Universität Freiburg
-
- Conference talk* 32) Jul.2018
Di- and trihedral (2-)representation theory I
Institute Mittag-Leffler, Djursholm
-
- Seminar talk* 31) Jun.2018
2-representation theory in a nutshell
Universität Hamburg
-
- Seminar talk* 30) Apr.2018
Link invariants and orbifolds
QGM at Aarhus University
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- Conference talk* 29) Jan.2018
Link invariants and $\mathbb{Z}/2\mathbb{Z}$ -orbifolds
Universität Zürich (took place in Riederalp)
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- Seminar talk* 28) Sep.2017
Categorical representations of dihedral groups
Universidade do Algarve, Faro
-
- Conference talk* 27) Jun.2017
Webs and q -Howe dualities in types BCD
University of Cambridge
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- Seminar talk* 26) Apr.2017
2-representation theory of Coxeter groups: a biased survey
Universität Zürich
-
- Conference talk* 25) Apr.2017
Webs and q -Howe dualities in types BCD
Uppsala universitet
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- Seminar talk* 24) Feb.2017
2-representation theory of Coxeter groups: some first steps
Columbia University, New York
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- Seminar talk* 23) Oct.2016
Some first steps towards 2-representation theory of Coxeter groups
Université catholique de Louvain

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- 22) Oct.2016
 Some first steps towards 2-representation theory of Coxeter groups
 Université de Montpellier
Seminar talk
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- 21) Nov.2015
 (Singular) TQFTs, link homologies and Lie theory 2
 University of Edinburgh
Seminar talk
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- 20) Nov.2015
 (Singular) TQFTs, link homologies and Lie theory 1
 University of Edinburgh
Seminar talk
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- 19) Oct.2015
 Web calculi in representation theory
 Universiteit Leiden
Seminar talk
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- 18) Sep.2015
 Cellular structures using U_q -tilting modules
 2015 annual meeting of the Deutschen Mathematiker-Vereinigung (DMV),
 Hamburg
Conference talk
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- 17) Aug.2015
 Web calculi in representation theory
 MPIM Universität Bonn
Seminar talk
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- 16) Jul.2015
 Cellular structures using U_q -tilting modules
 Universität Freiburg
Seminar talk
-
- 15) Jun.2015
 From dualities to diagrams
 Institut de Mathématiques de Jussieu, Paris
Conference talk
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- 14) Jun.2015
 $U_q(\mathfrak{gl}_N)$ -diagram categories via super q -Howe duality
 University of Porto
Conference talk
-
- 13) May.2015
 From dualities to diagrams
 Erwin Schrödinger International Institute for Mathematics and Physics, Vienna
Seminar talk
-
- 12) Apr.2015

- Seminar talk* Cellular structures using U_q -tilting modules
Universität Bonn
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- Conference talk* 11) Mar.2015
 $U_q(\mathfrak{sl}_n)$ -diagram categories via super q -Howe duality
Hausdorff Research Institute for Mathematics (HIM), Bonn
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- Seminar talk* 10) Feb.2015
 $U_q(\mathfrak{sl}_n)$ -diagram categories via super q -Howe duality
University of Sydney
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- Seminar talk* 9) Feb.2015
 $U_q(\mathfrak{sl}_n)$ -diagram categories via super q -Howe duality
Université catholique de Louvain
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- Conference talk* 8) Oct.2014
Diagram categories for U_q -tilting modules at roots of unity
QGM Nielsen Retreat 2014, Sandbjerg Estate
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- Conference talk* 7) Sep.2014
Categorification in topology
MFO, Oberwolfach
-
- Seminar talk* 6) May.2014
 $\dot{U}_q(\mathfrak{sl}_m)$ -highest weight theory governs \mathfrak{sl}_n -link homology
Université catholique de Louvain
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- Seminar talk* 5) Apr.2014
 \mathfrak{sl}_n -link homologies using $\dot{U}_q(\mathfrak{sl}_m)$ -highest weight theory - the m is not a typo!
QGM at Aarhus Universitet
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- Conference talk* 4) Mar.2014
Categorification: An introduction to \mathfrak{sl}_n -link homologies
Kerala School of Mathematics (KSOM)
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- Seminar talk* 3) Mar.2014
 \mathfrak{sl}_n -link homologies using $\dot{U}_q(\mathfrak{sl}_m)$ -highest weight theory
Kerala School of Mathematics (KSOM)
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- Seminar talk* 2) Mar.2014
The diagrammatic beauty of $\text{Rep}(U_q(\mathfrak{sl}_n))$ - Part II
TATA Institute of fundamental research (TIFR), Mumbai

1) Mar.2014

The diagrammatic beauty of $\text{Rep}(U_q(\mathfrak{sl}_n))$ - Part I

Seminar talk

TATA Institute of fundamental research (TIFR), Mumbai

0) x-2014

Several talks.

See <http://www.dtubbenhauer.com/talks.html>



Daniel Tubbenhauer (digital signature); April 27, 2022