



OCTOBER 31 - NOVEMBER 4 2016

Low-Dimensional Topology & Quantum Algebra

Mathematical Sciences Institute, The Australian National University

The MSI Workshop on Low-Dimensional Topology & Quantum Algebra will be held from October 31st to November 4th at the Australian National University. Although in the past they have been viewed as separate fields, low-dimensional topology and quantum algebra have recently seen surprising interactions with the development of new topological invariants with deep connections to quantum groups and category theory. These invariants have proven to be effective tools for tackling fundamental problems in manifold and link theory, but they also have generated new research activity in algebra due to their compelling internal structure with close connections to higher categories and higher representation theory. This workshop will focus on recent advances in this developing subject, bringing together researchers from all parts of this vibrant field, and highlighting work of both established experts and exceptional young researchers from inside and outside of Australia.

ORGANISING COMMITTEE

- Joan Licata (Australian National University)
- Scott Morrison (Australian National University)
- Jessica Purcell (Monash University)
- Zsuzsanna Dancso (Australian National University)

CONFERENCE SPEAKERS

- Ben Burton (The University of Queensland)
- Baptiste Chantraine (Universite de Nantes)
- Norm Do (Monash University)
- Craig Hodgson (University of Melbourne)
- Joshua Howie (Monash University)
- Anthony Licata, (The Australian National University)
- Gwenael Massuyeau (Université de Strasbourg)
- Daniel Mathews (Monash University)
- Yoav Moriah (Israel Institute of Technology)
- Hoel Queffelec (Montpellier)
- Hyam Rubinstein (University of Melbourne)
- Radmila Sazdanovic (North Carolina State University)
- Jonathan Spreer (The University of Queensland)
- Stephan Tillmann (The University of Sydney)

For more information go to <https://tqft.net/web/conferences/Topology2016.html>



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