

Curriculum Vitae – Weiying Guo

Education

- 2020 – present: **PhD in Mathematical Physics**
 - *School of Mathematics and Statistics, University of Melbourne*
 - *Supervisor:* Michael Wheeler, Sasha Garbali
- 2018 – 2020: **Master of Science**
 - *School of Mathematics and Statistics, University of Melbourne*
 - *Supervisor:* Arun Ram
- 2014 – 2018: **Bachelor of Advanced Science (Honours)**
 - *Faculty of Science, University of Queensland*
 - *Supervisor:* Ole Warnaar

Teaching

- 2018 – present: **Casual Tutor**
 - *School of Mathematics and Statistics, University of Melbourne*
- 2015 – 2018: **Casual Tutor**
 - *School of Mathematics and Statistics, University of Queensland*

Awards and Scholarships

- **Australian Postgraduate Award** (2020–present)
- **Master of Science Scholarship** (2018,2019), University of Melbourne
- **International Student Scholarship** (2018), University of Melbourne
- **Dean's Honour List in Mathematics** (2015,2016,2017), University of Queensland

Research Achievements

- Co-author of one peer-reviewed journal publication:
 - "Comparing formulas for type GL_n Macdonald polynomials" with Arun Ram

Talks

- Matrix program: Frontiers in Representation Theory (2022)
- Matrix-RIMS Tandem Workshop: Integrable, Probability, Combinatorics and Representation theory (2022)
- Stanford solvable lattice models seminar (2021)
- Reading group on "Quantum group and crystal basis"

- Reading group on "Skew RSK dynamics"
- Co-organized reading group with Peng Fei on "Commutative algebra"