

## CURRICULUM VITAE

DR MICHAEL SUN

### EDUCATION

- Postdoctoral Fellowship, University of Münster, Germany (2014-2016)
- PhD (Mathematics) under Huaxin Lin, University of Oregon (2009-2014)  
I was mentored by Victor Ostrik and N. Christopher Phillips.  
I was awarded the Börsting Prize for best graduate.
- M.Sc (Research) under Anthony Henderson, University of Sydney (2009)  
Completed in less than 6 months with a research publication.
- B.Sc (Advanced)(Honours) University of Sydney (2005-2008)  
I was awarded the University of Sydney Medal. HD in all Maths courses.
- HSC (99.95) Normanhurst Boys High School, Australia (2004)  
I was Dux and Best All-Rounder. I was also a prefect.

### RESEARCH PUBLICATIONS

- Symplectic level rank duality via tensor categories (with Ostrik and Rowell)
- Strongly outer group actions on UHF algebras  
J. Topology and Analysis (2017). DOI: 10.1142/S1793525318500231
- Low dimensional representations of the three component loop braid group  
J. Math. Phys. 56, 111707 (2015), DOI: 10.1063/1.4935361.
- Existence of the Matui-Sato tracial Rokhlin property  
J. Operator Theory 74:1 (2015), 101–119, DOI: 10.7900/jot.2014apr11.2031.
- Level-rank duality via tensor categories (with Victor Ostrik),  
Comm. Math. Phys. 326 (2014) 49-61, DOI: 10.1007/s00220-013-1869-9
- Point stabilizers for the enhanced and exotic nilpotent cones,  
J. Group Theory 14 (2011), 825-839, DOI: 10.1515/JGT.2010.080

### COMMUNICATION

- Native speaker of English, fluent in spoken Chinese, functional German.
- Attended Joint Meetings of the American Maths Society (San Antonio 2015) as well as the International Congress of Mathematicians (Seoul 2014).
- Countries visited: Australia, China (Beijing, Shanghai, Guangzhou), United States of America (Oregon, California, New York, Illinois, Massachusetts, Washington, Minesota, Nevada, Texas, Kansas), Japan, Hong Kong, Macau, Taiwan, South Korea, Thailand, Canada, Germany, Netherlands, Scotland, Spain, Switzerland.