Jinmin Wang

Curriculum Vita

Research Interest

K-theory, index theory and noncommutative geometry.

Education

2015–2020	**Ph.D. of Mathematics**, *Fudan University*.
2011–2015	**Bachelor of Mathematics**, *Fudan University*.

Experience

2021.8–current	**Visiting Assistant Professor**, *Texas A&M University*.
2020.8–2021.8	**Research Assistant**, *Fudan University*.

Awards

2012–2014	National Scolarship, Fudan University
2014	Bronze Award in Analysis and differential equations, S.T. Yau College Student Mathematics Contests

Publications and Preprints

- Jinmin Wang, Zhizhang Xie and Guoliang Yu, On Gromov's dihedral extremality and rigidity conjectures, arXiv:2112.01510
- Jinmin Wang, Zhizhang Xie and Guoliang Yu, An index theoretic proof of Gromov's cube inequality on scalar curvature, arXiv:2105.12054
- Jinmin Wang, Zhizhang Xie and Guoliang Yu, Decay of scalar curvature on uniformly contractible manifolds with finite asymptotic dimension, arXiv:2101.11584
- Jinmin Wang, Zhizhang Xie and Guoliang Yu, Approximations of delocalized eta invariants by their finite analogues, arXiv:2003.03401, to appear in *L'Enseignement mathématique*
- Xiaoman Chen, Jinmin Wang, Zhizhang Xie and Guoliang Yu, Delocalized eta invariants, cyclic cohomology and higher rho invariants, arXiv:1901.02378
- Hongzhi Liu and Jinmin Wang, On localized signature and higher rho invariant of fibered manifolds. *J. Noncommut. Geom.* 15 (2021), no. 3, pp. 919–949

Invited Conference Talks

Nov. 2020	Workshop on Noncommutative Geometry and Quantization, Sichuan Univeristy
Apr. 2019	Noncommutative Geometry Festival 2019, Washington University in St. Louis
Jun. 2019	Special Week on Operator Algebras 2019, East China Normal University, Shanghai
Nov. 2019	National Conference on Operator Theory and Operator Algebra of China, Zhejiang University, Hangzhou, China

Teaching Experience

2021 fall	Math 251, Calculus III, Texas A&M University