





Xuecai Ma

 Westlake University

 No.600 Dunyu Road, Xihu District, Hangzhou, 310030, P.R.China

 xuecai.u.ma@foxmail.com

 <https://maxuecai.github.io>

Experience

- ★ **Westlake University** 2024.09–Now
Postdoctoral Fellow
- ★ **Southern University of Science and Technology** 2019.11–2020.08
Research Assistant in Liang Kong's research group

Education

- **Southern University of Science and Technology** 2020.09–2024.06
 - Doctor of Philosophy in Mathematics
 - Advisor: Yifei Zhu
- **University of Science and Technology of China** 2016.09–2018.06
 - Master of Natural Science in Mathematics
 - Advisor: Sen Hu
- **University of Science and Technology of China** 2012.08–2016.06
 - Bachelor of Science in Physics
 - Major: Physics

Papers and Preprints

1. Derived Level Structures
2. ...

Talks

- **Derived Moduli Problems and New Cohomology Theories** 2024.09
 - Workshop on Computer-assisted Research in Geometry and Topology, Kunming, China
- **Analytic Geometry and Homotopy Groups of the $K(n)$ -Local Spheres** 2024.06
 - SUSTech Topology Seminar
- **Derived Level Structures** 2023.10
 - SUSTech Topology Seminar
- **Formal Moduli Problems and Derived Stacks** 2022.10
 - SUSTech Topology Seminar
- **An Introduction to Chromatic Homotopy Theory** 2022.03
 - SUSTech Topology Seminar

Teaching

- **Algebraic Topology** 2022, SUSTech

- Teaching Assistant
- **Mathematical Analysis** 2022, SUSTech
 - Teaching Assistant
- **Calculus II** 2021, SUSTech
 - Teaching Assistant
- **Complex Variable Functions** 2018, USTC
 - Teaching Assistant
- **Mathematical Equations** 2017, USTC
 - Teaching Assistant
- **Advanced Mathematics** 2016, USTC
 - Teaching Assistant