





# 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

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- ★ **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

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- **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

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1. Derived Level Structures
2. ...

## Talks

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- **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** 2024.05
  - 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

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- **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