LI Xiao

Centre de Mathématiques Laurent Schwartz (CMLS)
École Polytechnique
Palaiseau 91128

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xiao.li.cmls@polytechnique.edu

Education

- **École Polytechnique** Palaiseau, France
  PhD in mathematics *2024 - present*
  - Title : Algebraic dynamics and intersection theory
  - Advisor : Charles Favre

- **Sorbonne Université, Université Paris 6-Jussieu** Paris, France
  Master 2 in pure mathematics *2023 - 2024*

- **University of Science and Technology of China (USTC)** Hefei, China
  Bachelor degree in mathematics *2019 - 2023*
  - China-France Mathematics Talents Class

Professional Experience

- **Teaching Assistant for Linear Algebra Exercise Sessions**
  USTC *Mar 2022 – Jul 2022*

- **Research Project on Nonlinear Elliptic PDEs**
  Under the direction of Prof. Xinan MA *May 2021 – Sep 2022*

- **Internship in Algebraic Dynamics**
  Under the direction of Prof. C. Favre *Jan 2023 – Jun 2023*
  - Thesis title : A Transcendental Dynamical Degree

- **Teaching Assistant for Real Analysis Exercise Sessions**
  USTC *Mar 2023 – Jul 2023*

- **Internship in Complex Geometry**
  Under the direction of Prof. S. Boucksom *Jan 2024 – Jun 2024*
  - Thesis title : Around the Kodaira Embedding Theorem

- **Teaching Assistant for Introduction to Analysis Tutorial Sessions**
  École Polytechnique, Instructor: Frank Pacard *Sep 2024 – Jan 2025*

Languages

- Chinese (native language)

- English (B2)

- French (B2)