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Jianyu MA

Education

PhD, Analysis, Institut de Mathématiques de Toulouse, — **2021–2024**
Supervised by Jérôme Bertrand, funded by LabEx CIMI

Master 2, Mathematics, Université Paul Sabatier, **14.88/20** **2020–2021**
Research & Invocation, funded by LabEx CIMI

Master 1, Mathematics, Université Paul Sabatier, **18.85/20** **2019–2020**
ESR, exchange student, funded by China Scholarship Council

Bachelor, Mathematics, Wuhan University, **3.93/4.0** **2016–2020**
First year in computer science, later transferred to mathematics

Researches

Article

Thesis in preparation: Regularity and CLT of Wasserstein barycenters

Preprint arXiv: Absolute continuity of Wasserstein barycenters over manifolds with lower Ricci curvature bound

Memoir

Master 2 report: Existence and uniqueness of barycenter in metric space

Master 1 report: Stochastic calculus applications in quantum mechanics

Academic talks

Passed

21 May. 2024: [Séminaire PAS](#), Laboratoire de Mathématiques Blaise Pascal

14 Mar. 2024: [Séminaire Images Optimisation et Probabilités](#), Université de Bordeaux

05 Feb. 2024: [GT CalVa](#), Université Paris-Cité (campus Grands Moulins)

26 Jun. 2023: [Séminaire d'Analyse](#), Institut de Mathématiques de Toulouse

25 May. 2023: [Séminaire des doctorants](#), Institut de Mathématiques de Toulouse

Skills

French: Medium

English: Fluent

Chinese: Native

Programming

○ [Self-designed homepage](#)

○ [ChromeXt](#)

Proficient: JavaScript, Kotlin, Mathematica, Python

Interest

○ Table tennis & Tennis

○ Philosophy

○ Classical music

○ Poetry