Jiahao Miao

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website: jiahaomiao.github.io
DOB: 05/12/2001 (Milan, Italy) · Nationality: Chinese · Gender: Male

Education

Master's Degree in Physics, *University of Milan* 09/2024 – Present
Average mark: 29.42/30 · EQF level 7 Milan, Italy
Supervisor: Giancarlo Ferrera

Bachelor's Degree in Physics, *University of Milan* 09/2021 – 07/2024
Final grade: 110/110 cum Laude (Avg: 29.44/30) · EQF level 6
Supervisor: Giancarlo Ferrera
Thesis: *Resummation of QCD large infrared logarithms for thrust distribution in electron positron annihilation*

Diploma Liceo Scientifico, *Liceo Scientifico Einstein* 09/2016 – 07/2021
Final grade: 100/100 · EQF level 4 Milan, Italy

Publications

U. Aglietti, G. Ferrera, W.-L. Ju, <u>J. Miao</u> *Thrust Distribution in Electron-Positron Annihilation at Full Next-to-Next-to-Next-to-Leading-Logarithmic Accuracy Including Next-to-Next-to-Leading-Order Terms in QCD*. **PRL** 134 (2025) 25 (arXiv:2502.01570). (**2025**)

Conferences and Seminars

- **Special Challenges in Quantum Chromodynamics** (Florence) 08/01/2026 – 09/01/2026
  Link: https://agenda.infn.it/event/48177/
- **Resummation, Evolution, Factorization 2025** (Milan) 13/10/2015 – 17/10/2025
  Link: https://agenda.infn.it/event/43981/

Technical Experience

HPC Administrator, *University of Milan* Milan, Italy · 07/2025 – Present
- **Administration & Maintenance:** Administer the Milan Theory Group computing cluster, diagnosing hardware issues and managing software lifecycles to ensure optimal uptime.
- **User Management:** Provision user accounts, configure permissions, and enforce secure access control protocols for department researchers.

Additional Work Experience

Logistics & Customer Service Assistant, *Coop Supermarket* Milan, Italy · 07/2021 – Present
Managed 8-hour Sunday shifts focusing on inventory restocking, warehouse logistics, and customer assistance.

Skills & Languages

Programming & Technical: Mathematica, C++, Python, Bash, HPC administrator, Slurm, Git

Languages: Italian (Mother Tongue) , English (Listening C1 , Reading C1 , Writing C1 , Spoken Production B2 , Spoken Interaction B2)

Additional Information

Driving Licence: B (14/05/2021 – 05/12/2031)