

CHI WANG

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🎓 EDUCATION

Tsinghua University, Beijing, China 2022 – Present
Bachelor Student in Physics, expected July 2026

🏆 HONORS AND AWARDS

Comprehensive Excellence Scholarship, Tsinghua University Nov. 2024
• Mitsubishi UFJ Foundation Scholarship Program 2024

Honorable Mention, Interdisciplinary Contest in Modeling (ICM), COMAP Apr. 2024

1st Prize in Zhejiang Province, Chinese Physics Olympiad (CPhO) Sept. 2021

📖 RESEARCH EXPERIENCE

Search for Simultaneous Production of Double J/ψ and Υ Mesons, Double J/ψ and ϕ Mesons, or J/ψ , Υ and ϕ Mesons in Proton-Proton Collisions at $\sqrt{s} = 13.6\text{TeV}$ at the CMS Experiment 2024 – Present
Co-leader Supervisor: Prof. Zhen Hu

- Co-led the analysis and developed the analysis framework (work in progress).
- Research visit at CERN (01/2025 - 02/2025).

CMS Tier-0 Computation Software CI/CD System 2025 – Present
Co-developer Supervisor: Dr. Jan Eysermans

👥 TEACHING AND MENTORING EXPERIENCE

Big Data in Experimental Physics (1) & (2), Tsinghua University Summer 2024
Peer Teaching Assistant Supervisor: Prof. Benda Xu

- Contributed to the revision of the course material.
- Provided assistance to students in the courses.
- Achieved grades of A- (4.0 / 4.0) in both courses.

Data Structure, Tsinghua University Fall 2023
Study Group Leader Supervisor: Prof. Junhui Deng

- Organized study group sessions for group members.
- Provided assistance to group members.

📄 PUBLICATIONS

- Liu, J., Pang, H., **Wang, C.**, Ai, X., Chen, X., & Hu, Z. (2024) FASER experiment: An introduction and research progress. *Chinese Science Bulletin*, 69(8), 1025-1033.

⚙️ SKILLS

- Programming Languages: Proficient in C++ and Python. Familiar with R.
- Research Software: Experienced with ROOT. Familiar with HELAC-Onia.