

TINGLONG FENG

The Second Clinical Medical College
School of Health Science Center
Xi'an Jiaotong University

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ACADEMIC INTERESTS

Biophysics, theoretical physics, astrophysics

EDUCATION

Xi'an Jiaotong University

- B.S., Clinic Medicine (2024, expected).

RESEARCH EXPERIENCE

Graphene Production

- Credit: First author
- Supervisor: [Prof. Wei Wei](#) (XJTU)
- Time: September 2019 - May 2021
- State: Submitted to attend competition
- Abstract: a new method of electrochemistry to make graphene.

Health Economics Modelling of Infectious Disease

- Credit: First author
- Supervisor: Prof. Fan Zhang (XJTU)
- Time: May 2020 - May 2021
- State: Submitted to attend competition
- Abstract: a new mathematical model to evaluate utilities of different ways to prevent infectious disease such as COVID-19.

INVITED TALKS

1. *Introduction to 2019-nCoV*. online, February 19, 2020, Talk. [recording](#).

ORGANIZATION

Seminars

Analytical Mechanics Seminars

- Time: April 2020

¹Updated October 22, 2023

- Role: Organizer
- Content: [Recording](#)
- Reference: Landau Vol. 1

Classical Electrodynamics Seminars

- Time: February 2021
- Role: Organizer
- Content: [Website](#), [recording](#)
- Reference: Landau Vol. 2

Quantum Mechanics Seminars

- Time: April 2021
- Role: Organizer
- Content: [Website](#), [recording](#)
- Reference: Landau Vol. 3 and Dirac's Principle of QM

United Academic Forum of Basic Science for Undergraduates

Created and co-organized a communication platform which would be provided for the undergraduates who span various universities while aiming at basic science research. See [this website](#).

- December 2020: Created 'inter-university forum of science' with undergraduates from USTC and NJU, co-organized the first research experience sharing activities. [website](#)
- February 2021: Co-organized 2021 winter seminars. Invited undergraduates from SJTU and UCAS to join the forum. [website](#)
- May 2021: Formalized 'inter-university forum of science' and changed its name to United Academic Forum of Basic Science for Undergraduates.
- August 2021: Co-organized the second research experience sharing activities. [website](#)
- September 2021 – February 2022: Held the position of the Executive Secretary-General of the Council of United Academic Forum of Basic Science for Undergraduates. [website](#)

OUTREACH

- September 2020 – August 2021: Staff of [Scholastic Guidance Center of Qian Xuesen Honors College, Xi'an Jiaotong University](#)
- Autumn 2021: Deputy editor-in-chief of *Journal of Zhufeng*
- September 2020 – : Peer reviewer of *Journal of Zhufeng*

COMPUTING

Familiar with C++, MATLAB, Mathematica

LANGUAGE

Fluent in English (CEFR C1), capable of speaking a little Quenya ([my Quenya learning notes](#))