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CURRENT	<p>Postdoctor, Technical University of Munich Team member of Prof. Niklas Boers, TUM School of Engineering and Design</p> <p>2024-04 to present</p>
EXPERIENCE	<p>Research Assistant, Beijing Normal University Team member of Prof. Xiaosong Chen, School of Systems Science</p> <p>2023-06 to 2024-03</p>
EDUCATION	<p>Beijing Normal University, Beijing, China</p> <p>Ph.D., School of Systems Science <ul style="list-style-type: none"> • Thesis Topic: <i>Critical Phenomena in Complex systems</i> • Supervisor: Professor Xiaosong Chen • Area of Study: Complex System & Statistical Physics 2020-09 to 2023-06</p> <p>The Hong Kong University of Science and Technology, Hong Kong, China</p> <p>M.S., Department of Physics <ul style="list-style-type: none"> • Thesis Topic: <i>Advanced Fluorescence Imaging to Study Biological Processes</i> • Supervisor: Professor Hyokeun Park • Area of Study: Fluorescent Microscopy Techniques & Biophysics 2018-09 to 2020-09</p> <p>University of Chinese Academy of Sciences, Beijing, China</p> <p>B.S., Department of Physics <ul style="list-style-type: none"> • Thesis Topic: <i>Critical Phenomena of Potts Model</i> • Supervisor: Professor Xiaosong Chen • Area of Study: Statistical Physics 2014-09 to 2018-07</p>
JOURNAL PUBLICATIONS	<p>[1] Liu, T., Chen, D., Yang, L., Meng, J., Wang, Z., Ludescher, J., et al. Teleconnections among tipping elements in the Earth system. <i>Nature Climate Change</i>, 2023. (Cover Story) url: https://www.nature.com/articles/s41558-022-01558-4</p> <p>[2] Liu, T., Hu, G. K., Dong, J. Q., Fan, J. F., Liu, M. X., Chen, X. S. Renormalization group theory of eigen microstates. <i>Chinese Physics Letters</i>, 39(8): 080503, 2022. (Express Letter) url: https://iopscience.iop.org/article/10.1088/0256-307X/39/8/080503</p> <p>[3] Chen, X.*, Liu, T.*, Qin, X.*, et al. Simultaneous Real-Time Three-Dimensional Localization and FRET Measurement of Two Distinct Particles. <i>Nano Letters</i>, 21, 7479-7485, 2021. (* equal contribution) url: https://pubs.acs.org/doi/10.1021/acs.nanolett.1c01328</p> <p>[4] Zhang, Y., Liu, M., Hu, G., Liu, T., Chen, X. Eigen microstates in self-organized criticality. <i>Physical Review E</i>, 109(4), 044130, 2024. url: https://doi.org/10.1103/PhysRevE.109.044130</p>

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url: <https://link.springer.com/article/10.1007/s11433-023-2221-8>
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url: <https://www.sciencedirect.com/science/article/pii/S0006349519309427>
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url: <https://www.sciencedirect.com/science/article/pii/S0006291X20303053>
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url: <https://link.springer.com/article/10.1007/s11433-018-9353-x>

AWARDS

Ministry of Education of the People's Republic of China

- National Scholarship, 2021–2022

Beijing Normal University

- The First Prize Scholarship, 2020–2021
- Best Soundbites Award in Beijing Soft Matter Workshop, Oct. 2021

The Hong Kong University of Science and Technology

- The Postgraduate Fellowship, 2018–2020

University of Chinese Academy of Science

- Second Prize in Mathematical Contest in Modeling, Dec. 2016
- The Third-Class Scholarship, 2016–2017
- The Third-Class Scholarship, 2015–2016