


# ZHONGLIN XIE, PH.D. CANDIDATE

 Peking University

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## EDUCATION


- 09/2021 – Now      ◇ **Ph.D. Computational Mathematics**  
Beijing International Center for Mathematical Research, Peking University.  
Member of **The Elite Ph.D. Program in Applied Mathematics**.  
Advisor: Prof. Zaiwen Wen.
- 09/2017 – 07/2021      ◇ **B.Sc. Computational Mathematics**  
School of Mathematical Sciences, Peking University.  
Member of **The Elite Program of Applied Mathematics and Statistics for Undergraduates**.
- 09/2018 – 07/2021      ◇ **B.Econ. Economics**  
National School of Development, Peking University.

## PUBLICATIONS

### Preprint

- 1 Xie, Z., Wen, Z., & Yin, W. (2024). ODE-based Learning to Optimize. ArXiv (to appear).

### Journal Articles

- 1 Wang, J., Zhang, F., Xie, Z., Wen, Z., & Zhang, G. (2021). Joint bandwidth allocation and path selection in wans with path cardinality constraints. *Journal of Communications and Information Networks*, 6(3), 237–250.  doi:10.23919/JCIN.2021.9549120

### Conference Proceedings

- 1 Zhang, Y., Chen, Y., Xie, Z., Xu, H., Wen, Z., Lin, Y., & Yu, B. (2023, July). Lrsdp: Low-rank sdp for triple patterning lithography layout decomposition. In *ACM/IEEE design automation conference (DAC)*, San Francisco, CA.

## TEACHING

- 2023, Fall      ◇ TA, Convex Optimization.
- 2022, Fall      ◇ TA, Convex Optimization.
- 2022, Summer      ◇ TA, Deep Learning Optimization Theory (PKU Summer School on Applied Mathematics).
- 2022, Spring      ◇ TA, Learning by Research.
- 2021, Fall      ◇ TA, Advanced Mathematics A (I).

## INTERNSHIP

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08/2020-10/2020    ◇ Theory Lab, Huawei Technologies Co. Ltd., Beijing, China.

## SELECTED AWARDS

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2023    ◇ Presidential Scholarship, Peking University.

2022    ◇ Ubiquant Scholarship, Peking University.