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EDUCATION

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- **California Institute of Technology (PhD Student)** Pasadena, CA  
*Major in Computing and Mathematical Sciences.* *Sep 2020 – Now*
- **Tsinghua University (Bachelor of Engineering)** Beijing, China  
*Major in Computer Science and Technology (Yao Class).* *Aug 2016 – Jun 2020*

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HONORS

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- Spotlight presentation at the 39th International Conference on Machine Learning (Baltimore, 2022)
- Spotlight presentation at the 35th Conference on Neural Information Processing Systems (Virtual, 2021);
- Invited presentation at 2021 INFORMS Annual Meeting (Virtual, 2021);
- Invited presentation at 2021 Asilomar Conference on Signals, Systems, and Computers (Virtual, 2021);
- Oral presentation at ACM SIGMETRICS 2020 (Virtual, 2020);
- Kortschak Scholar (Prize fellowship founded by Walter and Marcia Kortschak) (CMS, Caltech, 2020);
- Yao Award, Recognition Prize (Grant named after Prof. Andrew Chi-Chih Yao; About 10 recipients each year) (IIIS, Tsinghua University, 2019);

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PUBLICATIONS

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- **Y. Lin**, J. Gan, G. Qu, Y. Kanoria, and A. Wierman, “Decentralized Online Convex Optimization in Networked Systems.” In International Conference on Machine Learning (2022).[\[arXiv\]](#)
- W. Pan, G. Shi, **Y. Lin**, and A. Wierman, “Online Optimization with Feedback Delay and Nonlinear Switching Cost.” Proceedings of the ACM on Measurement and Analysis of Computing System 6, 1(2022), 1-34. [\[arXiv\]](#)
- **Y. Lin\***, Y. Hu\*, H. Sun\*, G. Shi\*, G. Qu\*, and A. Wierman, “Perturbation-based Regret Analysis of Predictive Control in Linear Time Varying Systems.” Advances in Neural Information Processing Systems 34 (2021). (Spotlight, < 3%).[\[arXiv\]](#)
- **Y. Lin**, G. Qu, L. Huang, and A. Wierman, “Multi-Agent Reinforcement Learning in Stochastic Networked Systems.” Advances in Neural Information Processing Systems 34 (2021). [\[arXiv\]](#)
- G. Qu, **Y. Lin**, A. Wierman, and N. Li, “Scalable Multi-Agent Reinforcement Learning for Networked Systems with Average Reward.” Advances in Neural Information Processing Systems 33 (2020).[\[arXiv\]](#)
- S. Shi\*, **Y. Lin\***, S. Chung, Y. Yue, and A. Wierman, “Online Optimization with Memory and Competitive Control.” Advances in Neural Information Processing Systems 33 (2020).[\[arXiv\]](#)
- **Y. Lin**, G. Goel, and A. Wierman, “Online Optimization with Predictions and Non-convex Losses.” Proceedings of the ACM on Measurement and Analysis of Computing System 4, 1(2020), 18. [\[arXiv\]](#)
- G. Goel\*, **Y. Lin\***, H. Sun\*, and A. Wierman, “Beyond Online Balanced Descent: An Optimal Algorithm for Smoothed Online Optimization.” Advances in Neural Information Processing Systems 32 (2019). (Spotlight, < 3%).[\[arXiv\]](#)

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PREPRINTS

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- S. Shin, **Y. Lin**, G. Qu, A. Wierman, and M. Anitescu, “Near-Optimal Distributed Linear-Quadratic Regulator for Networked Systems.” arXiv preprint arXiv:2204.05551 (2022).[\[arXiv\]](#)