

Nan Lin 林楠

PhD Student

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Education

- PhD of Electrical and Computer Engineering
Macau University, Macau 2012.08 – present
- M.Eng. of Electrical Engineering
Fuzhou University, Fuzhou 2019.09 – 2022.06
- B.Eng. of Electrical Engineering and Automation
Fuzhou University, Fuzhou 2015.09 – 2019.06

Publications

- **Nan Lin**, Huaiyuan Wang, and Qifan Chen, “A Bias Modified Method of SSAE Transient Stability Assessment Model Based on Posterior Distribution Information,” *Electric Power Automation Equipment*, vol. 42, no.3, pp.135-141, 2022.
- Qifan Chen, **Nan Lin**, Siqi Bu, Huaiyuan Wang, and Baohui Zhang, “Interpretable Time-adaptive Transient Stability Assessment Based on Dual-stage Attention Mechanism,” *IEEE Transactions on Power Systems*, 2022.
- Qifan Chen, **Nan Lin**, and Huaiyuan Wang, “Transient Stability Assessment Model with Parallel Structure and Data Augmentation”, *International Transactions on Electrical Energy Systems*, e12872, 2021.
- Qifan Chen, Huaiyuan Wang, and **Nan Lin**, “Imbalance Correction Method Based on Ratio of Loss Function Values for Transient Stability Assessment,” *CSEE Journal of Power and Energy Systems*, 2022.

Research Interests

- Power system resilience, and the application of machine learning in power system.

Projects

- **Key Technologies of Large-scale Lithium Battery Energy Storage Power Stations** (*Project of Fujian Provincial Department of Science and Technology*), Participant
- **Transient Stability Assessment Model Based on Big Data Analysis** (*Education and Scientific Research Project for Young and Middle-aged Teachers of Fujian Province*), Participant
- **Modeling and Analysis of the Speed Governing Excitation System of Generator Sets in Fujian Power Grid** (*Project of Fujian Electric Power Research Institute*), Participant

Selected Awards & Honors

- National English Competition for College Students of Band A, *3rd Prize*, 2021
- National English Competition for College Students of Band C, *3rd Prize*, 2016
- Fuzhou University Simulation Competition for Postgraduate, *1st Prize*, 2019
- Fuzhou University Cultural Technology Innovation and Entrepreneurship Scholarship, 2019
- Fuzhou University Comprehensive Scholarship, 2016
- Outstanding Student Leader of Fuzhou University, 2018