**Speech Title: Research on Comprehensive Quality Evaluation Framework of Emerging Engineering College Students Based on Blockchain Technology**

**Abstract:** Under the background of engineering education transformation and education evaluation reform, the comprehensive quality evaluation of engineering college students has gradually become an important means to guarantee the quality of engineering education. Through the empirical research to explore the implementation of engineering students' comprehensive quality evaluation in practice, and innovatively proposed the strategies to improve the comprehensive quality evaluation of engineering students based on blockchain technology, mainly designed the comprehensive quality evaluation framework of engineering students, and expounded the operation and guarantee mechanism of the framework from the following aspects: creating a good atmosphere to improve the evaluation cognition; innovating evaluation method to perfect evaluation content; strengthening incentive measures to comfort evaluation subjects; perfecting the supervision mechanism to improve the evaluation process; extending application scenarios to broaden evaluation functions. This study provides enlightenment and reference for improving engineering students' comprehensive quality evaluation to improve the quality of talent cultivation and promote the reform of higher engineering education.