**Title**: Recent Development of Intelligent Optimization and Scheduling Research Group

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**Abstract**:
As part of "2023 New Zealand - China Scientist Exchange Program", I will introduce my research team at Ocean University of China (OUC) and the significant achievements we have made in various research areas from macro perspectives. Our research group, named the "Intelligent Optimization and Scheduling Research Group," has been actively engaged in several cutting-edge research areas over the years, including learning intelligent algorithm, multi-objective optimization, fuzzy scheduling, ENSO (El Niño/Southern Oscillation) prediction, automatic fish classification, dynamic multi-objective optimization, multimodal multi-objective optimization, computer vision, generative adversarial networks, automatic test data generation, distributed scheduling, green scheduling, and feature selection. In each field, I will introduce the background, the proposed algorithms, and some representative publications.