

**Dear Organizing Committee Members,**

We are pleased to formally submit our entry for the 17th UEC Cup: **KK GO**, our team's program built on a multi-engine collaborative strategy utilizing KataGo and LeeLaZero.

Our program is engineered with a foundation in multi-engine parallel analysis. It achieves more stable move selection and efficient time management through a robust decision aggregation algorithm (Weighted LCB), ensuring strong engineering and reproducibility.

**Core Algorithm:**

Guided by the principle of "Diverse Thinking + Optimal Move Selection," KK GO leverages the search and neural network evaluation capabilities of both the KataGo and LeeLaZero engines. It operates multiple instances in parallel for analysis and employs a statistically robust Lower Confidence Bound (LCB) aggregation strategy to decide the final move. After years of development, its performance has surpassed human level, and we are confident it will demonstrate remarkable strength in the upcoming competition.

**Hardware Specifications:**

The program runs on a multi-process architecture.

- **Operating System:** Ubuntu
- **GPU:** 12x RTX 4090 (Provisional, pending final confirmation)

We thank you for your time and consideration and look forward to the competition.

Sincerely,  
The KK GO Team