Sungkyunkwan & Sejong University Co-Advised Postdoc Researcher

1. Address

You can choose either

① Sejong University, 209, Neungdong-ro, Gwangjin-gu, Seoul, Korea
② Sungkyunkwan University, 2066, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea

2. Open positions

Research on quantum error correction (QEC) or quantum error mitigation (QEM),
including subjects such as:

- topological codes, QLDPC codes, decoding, magic state generation,
- zero-noise extrapolation, probabilistic error cancellation, virtual distillation,
- hybrid QEC+QEM approaches

3. Application Materials

- Curriculum vitae including research achievements
- One-page personal statement

4. Eligibility

- PhD (or PhD candidate, expected to graduate in six months) in physics, computer science, mathematics, engineering, or related fields
- At least one SCI-indexed publication in quantum information theory

5. Compensation

- Annual salary: KRW 60,000,000 (including four major insurances and severance)
- Publication-based incentives
- Full support for domestic and international conference participation

6. Contact & Submission

① Prof. Seok-Hyung Lee, Department of Quantum Information Engineering, Sungkyunkwan University (seokhyunglee@skku.edu, website https://seokhyung-lee.github.io)
② Prof. Hyukgun Kwon, Department of Physics and Astronomy, Sejong University (kwon37hg@sejong.ac.kr)