



- Name: Yumang Jing
- Nationality: Chinese
- Project: Optimal cost-effective distribution of quantum resources in future quantum networks
- Supervisor: Dr Mohsen Razavi
- Email: elyj@leeds.ac.uk

Research Profile:

My project centers on the optimal distribution of all quantum resources in quantum communication networks, such as high-performance quantum memories, quantum repeaters *etc.* to maximize the performance at minimal cost. In this project, relevant protocols for entanglement distribution in 2D network setups, where a fixed number of quantum memories are utilized in each node, is developed. We consider a range of existing quantum repeater protocols, probabilistic or deterministic, and investigate their adaptability to 2D multi-node multi-users setups.

Education:

- *2017-Present* PhD in Engineering, UNIVERSITY OF LEEDS
- *2014-2017* M.S in Physics, PEKING UNIVERSITY
- *2010-2014* B.S in Optical information science and technology, SUN YAT-SEN UNIVERSITY

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