

# Exploiting near-term quantum networks

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**September 24, 2024**<sub>(Tue)</sub> **16:00–17:00**<sub>(JST)</sub>

This colloquium will be held in **HYBRID** format.

**On-site Venue:** [Wako C61](#) Welfare and Conference Building, 2F Large Meeting Room

**Online Venue:** Zoom. To receive the link, register in advance at

[https://krs2.riken.jp/m/rqc\\_registration\\_form](https://krs2.riken.jp/m/rqc_registration_form)

Very recently we have seen the first proof of principle demonstrations of entanglement-based quantum networks. However, analogous to quantum computers, near-term quantum networks will feature noisy devices communicating at modest rates. Here, I will present some recent ideas for performing communication and computation applications with near-term quantum networks.