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# Whiteboard Activity - Building a Regional Quantum Network

*Tuesday, July 22, 2025 2:45 PM (1h 15m)*

Workshop participants will whiteboard multiple quantum networks within the GPN footprint with the results to be used for funding support. Led by individual members of the SCY-Quantum Network Team participants will identify the potential purpose, scope, and location of their conceptual network. Ideally, each group working on a local network proposed network will include a potential project manager, a network architect, and a scientist who would use the network. in partnership with the GPN and Stony Brook team with a network architect and science participant.

Using a model piloted by the SCY-QNet team on Long Island, the workshop should result in a proposal to develop up to six similar networks across GPN over the next five years. The networks would advance progressively in size and complexity, aligned for potential interconnection as the field advances and allows. Using quantum networking technologies developed by SCY-QNet and others, the projects would be deployed in great part over the existing GPN infrastructure.

For more on the current SCY-QNet project see documents below.

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