Stephanie Wehrner

Once quantum computers are more readily available, how will they communicate with each other? There will need to be a network between quantum computers, much like a **quantum internet**. Stephanie Wehner leads the Quantum Internet Alliance, a group of researchers around the globe who are starting to build a prototype quantum internet between very basic quantum computers. For Wehner and the Quantum Internet Alliance, an important aspect of the quantum internet will be the ability to access quantum computers anywhere. They envision anyone having access to the powerful computational power of a quantum computer. Additionally, they think your security on the quantum internet is important—what you do on the quantum processor should be hidden from hackers. Lastly, they believe the quantum internet shouldn't be built just for universities or big projects, but for everyone to be able to program and play with.

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