

# Where is the fricking quantum advantage?

*Thursday, 20 November 2025 09:30 (1 hour)*

We have been looking for applications of quantum computing in Earth observations for almost a decade, yet nothing useful has been found. I believe the field is extremely important and interesting, but we should focus on investigating unconventional ideas—those that touch the foundations of quantum mechanics on one hand and explore computational methods that have emerged around quantum information in recent decades on the other.

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**Session Classification:** Morning session