



Contribution ID: 199

Type: **Poster**

On the Copenhagen Interpretation of Quantum Measurement

Monday 1 December 2025 16:00 (1 hour)

We claim that quantum collapse, as per the Copenhagen interpretation of quantum mechanics, follows naturally from the energetics of measurement. We argue that a realistic device generates an interaction energy that drives a random walk in Hilbert space and generates the probabilistic interpretation of Born.

Author: WALKER, MICHAEL (Australian Institute of Physics)

Presenter: WALKER, MICHAEL (Australian Institute of Physics)

Session Classification: Poster Session

Track Classification: Topical Groups: Theoretical Physics