Contribution ID: **606** Type: **Poster**

Information Flow in Non-Unitary Quantum Cellular Automata

Tuesday 13 December 2022 18:45 (15 minutes)

We propose a new measure of information flow in non-unitary quantum cellular automata which defines an equivalence class of open quantum systems that are coupled to an environment and are invariant in time and space.

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Session Classification: Poster session

Track Classification: AIP Congress: AIP: Quantum Science and Technology