

Stéphane Attal: Open Quantum Walks, Unitary Quantum Walks and in Between

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I shall give an introduction to Open Quantum Walks, which are a new type of quantum walks, implementing dissipation. I shall relate them to the usual (unitary) quantum walks and show that there exists a very interesting type of quantum walks interpolating in between the two. One knows very very few things about these interpolating quantum walks.