

# Mostafa Sabri

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Title:

Delocalization on quantum trees

Abstract:

I will discuss some results ensuring the existence of absolutely continuous spectrum in a large class of infinite quantum trees. I will then discuss the dynamical aspect of such delocalization, and discuss some open problems.

Based on joint works with Kaïs Ammari, Nalini Anantharaman, Maxime Ingremeau, Brian Winn.