

Quantum Research 2010

Prereqs: PHSCS 222 & 230, self-motivation & -study

Skills: analytic, conceptual, symbolic & communication

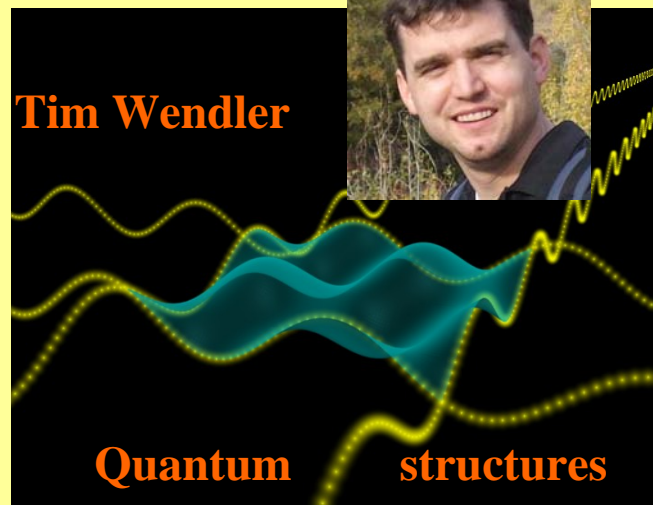
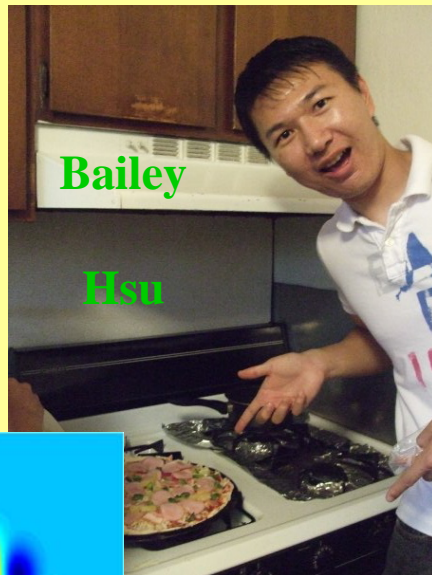
Topics: quantum information, classical boundary, non-commutative structures, spin & relativity, foundations...



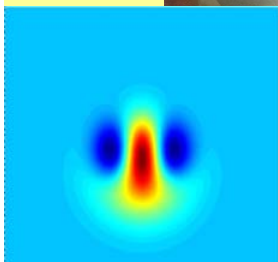
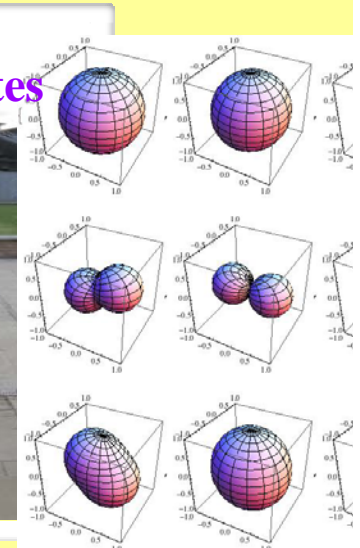
Current projects and collaborators

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Fidelity of
Quantum Gates



Spin Dynamics in Solids