HARVARD UNIVERSITY Graduate School of Arts and Sciences



The undersigned, appointed by the

Department of Physics

DISSERTATION ACCEPTANCE CERTIFICATE

Entanglement Dynamics in One Dimension: From Quantum Thermalization to Many-Body Localization

presented by Alexander Lukin

candidate for the degree of Doctor of Philosophy and hereby certify that it is worthy of acceptance.

Signature

Typed name: Professor Markus Greiner, Chair

Signature

Typed name: Professor Eugene Demler

Signature

Typed name: Professor John Doyle

Date: September 11, 2018