

IQuS InQubator for Quantum Simulation

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May 07, 2023

RE: Support for Zhiyao Li to attend JLab's QC Bootcamp

Dear Evaluation Committee,

I strongly support the admission of Zhiyao Li to attend QUANTUM COMPUTING BOOT CAMP - QCBC2 this summer. Zhiyao is one of my PhD students in IQuS at the UW. She is a third year PhD student working on a project related to state preparation for quantum field theories. She has been with IQuS since her first year, in the inaugural class, and has taken all relevant advanced graduate classes, including my special topics course on quantum simulation of quantum field theories. She is currently working jointly with Dorota Grabowska and I only working toward reducing the quantum resources required for adiabatic state preparation, with a particular focus on higher dimension gauge theories.

She is a very talented and motivated junior scientist, with a strong interest in quantum simulations of lattice field theories. The JLab bootcamp would add another important dimension to her graduate training, and you will enjoy having her in your school.

I strongly support her admission to your bootcamp. If you would like further information, please contact me.

Sincerely,



Martin J. Savage
Professor of Physics at the University of Washington
InQubator for Quantum Simulation