

# Fabrication and Characterization of Superconducting Core Fibers with Fused Silica Cladding

Yongxuan Liang

Thesis submitted to the faculty of the Virginia Polytechnic Institute and  
State University in partial fulfillment of the requirements for the degree  
of

Master of Science

In

Materials Science and Engineering

Gary R. Pickrell, Chair

David E. Clark

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January 29, 2014

Blacksburg, VA

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Four-probe, Efficient cooling, Heat transfer

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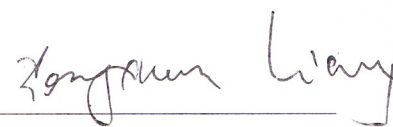
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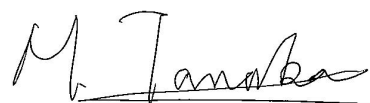
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