

Curriculum Vitae

Last Updated: May 2, 2019

PERSONAL INFORMATION

NAME: Shan Zhou
EDUCATION: 1st year Ph.D. student
EMAIL: shan_zhou@physics.ucsb.edu

RESEARCH INTERESTS

String theory and mathematical physics. Recently I am interested in the homological mirror symmetry and the underlying geometry of D-branes. I am also interested in higher categories and their applications.

EDUCATION

Current	PH.D. STUDENT, Advisor: David R. Morrison Department of Physics,
SEP 2018	University of California, Santa Barbara, CA, USA
JUN 2017	UNDERGRADUATE VISITING STUDENT: Department of Physics,
FEB 2017	University of Michigan, Ann Arbor, MI, USA
JUL 2018	UNDERGRADUATE: Yao Class, Institute for Interdisciplinary Information Sciences,
AUG 2014	Tsinghua University, Beijing, China

CONFERENCES ATTENDED

JUL 2019	SMS 2019: Tendances Actuelles en Topologie Symplectique Université de Montréal
JAN 2019	Between Topology and Quantum Field Theory University of Texas at Austin

PUBLICATIONS

James T. Liu, Leopoldo A. Pando Zayas and [Shan Zhou](#), *Subleading Microstate Counting in the Dual of Massive Type IIA*, arXiv:1808.10445
James T. Liu, Leopoldo A. Pando Zayas and [Shan Zhou](#), *Comments on Higher Rank Wilson Loops in $\mathcal{N} = 2^*$* , JHEP01(2018)047 - Published 11 January 2018
Xiao Yuan, Quanxin Mei, [Shan Zhou](#), and Xiongfeng Ma, *Reliable and robust entanglement witness*, Phys. Rev. A **93**, 042317 - Published 12 April 2016

TEACHING

Teaching Assistant: 2019 Spring, Basic Physics

Grader: 2019 Winter, Relativistic Quantum Field Theory II

Grader: 2019 Winter, The Many Body Problem in Condensed Matter Physics I

Grader: 2018 Fall, Relativistic Quantum Field Theory I

Grader: 2018 Fall, Basic Astronomy