

UNDERGRADUATE INDEPENDENT STUDY OR RESEARCH

This form serves as a record of information for the Department of Physics, the faculty, and the student regarding the student and faculty's understanding of independent study.

Get supervising professor's signature and route form to gositz@physics.utexas.edu

Semester (circle): Fall Spring Summer 2021

Course Number (circle one): Unique Number: 56835

PHY 108 PHY 371C PHY 379H PHY 670TA PHY 670TB

Student: Akhil Sadam UTEID: as97822

Supervisor Name/UTEID: Dr. John Markert

TO BE COMPLETED BY THE STUDENT

Brief statement of work proposed (initial objectives, some general tasks to be completed, etc.):

Initial design and use of capacitive and fiber-optic-interferometer systems to measure

predicted macroscopic angular momentum in an MgZn ferrite sample. Current tasks to

be completed: make a more accurate estimate from Dr.Niu's theory paper, complete

APS meeting presentation, and after the interferometry is tested, begin to take initial data.

Akhil Sadam

Student's Signature

Supervisor's Signature

Date: 01/26/2021

Date: _____

****If you are an undergraduate student, you must also obtain permission from the Undergraduate Advisor.**

Undergraduate Advisor's Signature

Date

Please return the completed form to RLM (PMA) 5.214 before the start of the fall / spring semester. The Academic Program Coordinator will lift the restriction for you to register for class.