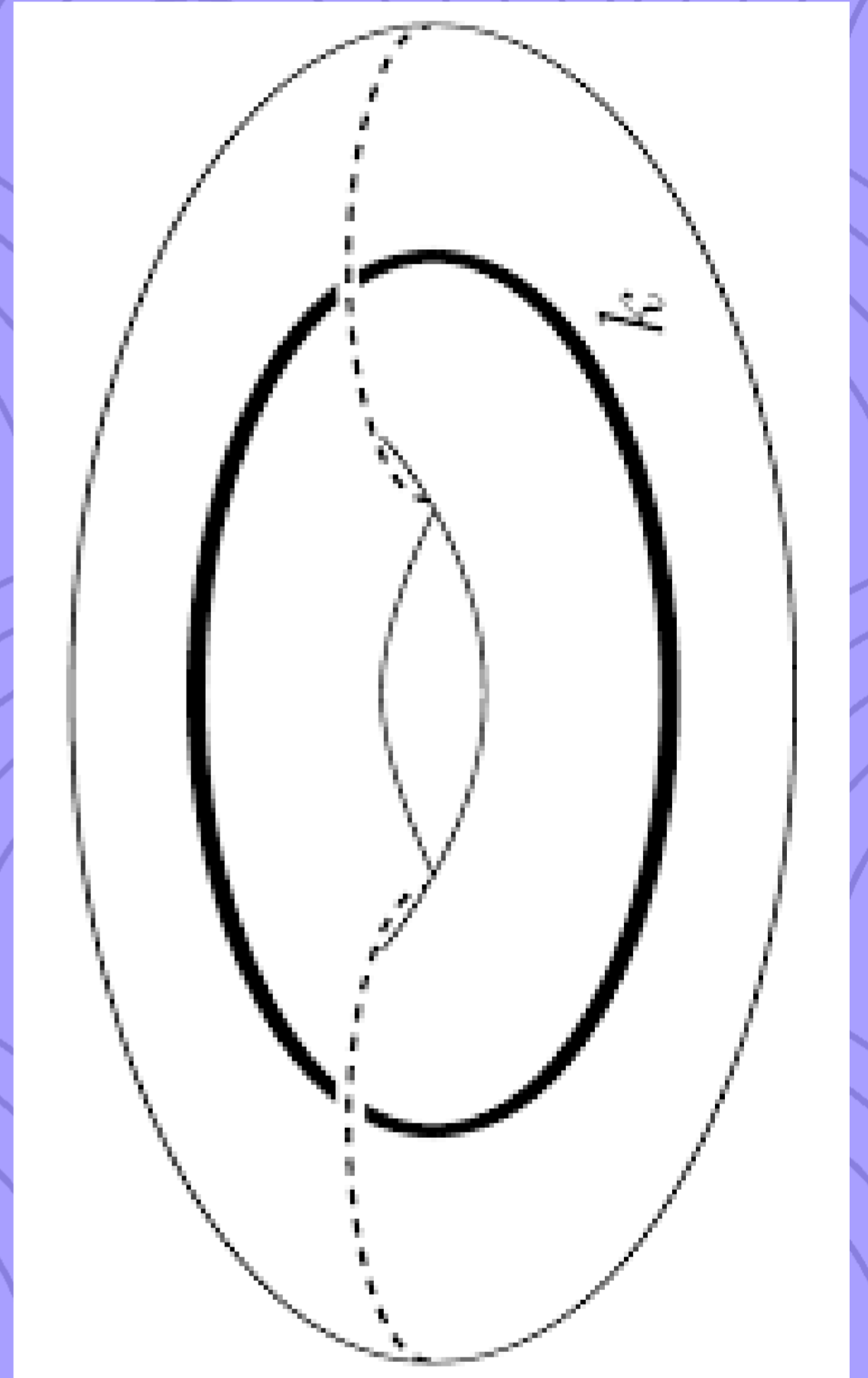# PROFESSOR CARLA FARSI

MATH CLUB PRESENTS:

WEDNESDAY
SEPTEMBER 27, 2017
MATH 350
5 - 6PM

JOIN US FOR PIZZA AND DRINKS

THE MAGIC OF SYMMETRIES: ORBIFOLDS

IN THIS TALK, I WILL INTRODUCE A WAY OF ORGANIZING FOLDS AND ROTATIONS OF 2-DISK INTO WHAT WE CALL ORBIFOLDS.

ORBIFOLDS, WHICH ARE A POWERFUL MATHEMATICAL OBJECTS, HAVE ALSO FOUND MANY APPLICATIONS IN PHYSICS.

IN PARTICULAR, ONE MIGHT WONDER: IS THE WORLD AN ORBIFOLD OR A MANIIFOLD?

DOES THE WORLD AUTOMATICALLY ENCODE SYMMETRIES OR NOT?