



Prof. Stacy Brown - Cal Poly Pomona



Building a hypothetical view of proof while learning to reason spatially

Abstract: In this talk, I will discuss work completed on sabbatical at the Sorbonne, participating in the Institute Henri Poincaré's trimester on "Illustration as a Mathematical Research Technique." Specifically, I will share some of the historical and theoretical underpinnings of an approach to teaching synthetic hyperbolic geometry, as well as some activities designed at the institute to address common student struggles both proving and visualizing non-Euclidean spaces.

September 9, 1:05 – 1:50 pm, Room 4-2-314