LECTURES ON TROPICAL CURVES III:

TROPICAL CURVES VIA SPECIALIZATION AND NON-ARCHIMEDEAN ANALYTIFICATION

Speaker: Nathan Pflueger

Amherst College

Time：Thu, June. 17th, 09:00-10:00

Venue: Zoom Link: 835 1619 7249; passcode: 235711

Abstract: I will describe the bridge between abstract algebraic curves and abstract tropical curves. This bridge has been well-traveled in the past decade; it allows theorems about tropical curves to be carried back across the bridge to prove theorems about algebraic curves, and vice versa. I will discuss this bridge from two different but closely related points of view: specialization in semistable families of algebraic curves and contraction to the skeleton of the non-archimedean analytification