Title: The local non-archimedean pluripotential theory and continuity of envelopes for singular polarized varieties

Abstract:

The envelope property (a.k.a. continuity of envelopes) is a fundamental in non-archimedean pluripotential theory and its applications to complex geometry. While this property was established in the seminal work of Boucksom–Favre–Jonsson for smooth polarized varieties over discretely valued fields of residue characteristic zero, its extension to the singular setting had remained open for more than a decade.