SCMS Seminar

TROPICAL COHOMOLOGY AND ITS PROPERTIES

Speaker: Kris Shaw
University of Oslo

Time：Wed, Jun. 16, 15:30-16:45 (GMT+8)

Venue: Zoom Room number: 897 3490 8250, Password: 235711

Abstract: In this talk I will describe a cohomology theory for tropical varieties that shares many properties with Weil cohomology theories for non-singular projective varieties. For example, Poincaré duality, Lefschetz theorems, and Hodge Riemann bilinear relations. I will also explain a tropical version of the Hodge conjecture due to Mikhalkin and Zharkov.