

Xi Yin: The unreasonable effectiveness of D-instantons

Friday, July 18, 2025 11:30 AM (1 hour)

I will review a first-principle approach to D-instanton effects based on string field theory, and discuss a new result on the non-perturbative effective action of D3-branes that hints at unexplained structures in the non-BPS sector. The latter is based on upcoming work with Jaroslav Scheinpflug and Yuchen Wang.