

Mathematical Physics Seminar, Mykola Dedushenko, SCGP, UNIV 217

Wednesday, Apr 12th 1:30 - 2:30pm

Title: Integrability structures in QFT from SUSY defects

Abstract: I will review how the algebra of supersymmetric interfaces in QFT can be used to realize interesting algebro-geometric structures, such as stable envelopes and chamber R-matrices, underpinning connections between SUSY gauge theories and integrable models, known as the Bethe/Gauge correspondence. Based on work with N. Nekrasov.