JIE XIAO, Memorial University of Newfoundland *Regularity of Morrey potentials*

This talk, based on a recent paper joint with David R. Adams, will discuss trace estimates for Riesz potential integrals of Morrey functions, and consequently, C^{∞} smoothness of a weak solution to the generalized harmonic map equation $-\Delta u = |\nabla u|^p u$.