ALEX YONG, University of Illinois at Urbana-Champaign Hilbert-Samuel multiplicities of Schubert varieties

I'll revisit some older (still unsolved) conjectures with Li Li (Oakland University) and Alexander Woo (University of Idaho) on Hilbert-Samuel multiplicities of Schubert varieties. This talk concerns Grobner and tangent cone degenerations of Kazhdan-Lusztig ideals/varieties.