ANDREI OKOUNKOV, Princeton University Enumerative geometry of curves in threefolds

This will be a review of some mostly conjectural ideas about enumerative geometry of curves of given degree and genus in a smooth projective threefold such as, *e.g.*, projective space. It will be based on my joint work with Davesh Maulik, Nikita Nekrasov, and Rahul Pandharipande.