

**Title:** 'Homogenization of quasiconformal maps via singular integrals'

**Abstract:** We consider homogenization limits of random quasiconformal maps, where the Beltrami coefficient has a locally periodic random structure. This is done via a homogenization result for iterates of randomized singular integrals. The talk is based on joint work with Kari Astala (U. Helsinki), Steffen Rohde (U. Washington) and Terence Tao (UCLA).