Analysis Seminar

Title: Isolated singularities for semilinear elliptic systems with power-law nonlinearity

Speaker: M. Ghergu

Date: Tue 27th March 2018 at 3:00PM

Location: SCN 125

Abstract: We discuss the behaviour around isolated singularity for nonnegative solutions of semilinear elliptic systems. Unlike the standardmethods available in the literature which rely on moving plane methods, weapply several tools that pertain to free boundary problems in order topursue our investigation.¡br/¿This talk is based on a joint work with Sunghan Kim (National UniversitySeoul, South Korea) and Henrik Shahgholian (KTH Stockholm).