# Analysis Seminar

## M. Ghergu

will speak on

## Isolated singularities for semilinear elliptic systems with power-law nonlinearity

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

## Location: SCN 125

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 top-ursue our investigation.¡br/¿This talk is based on a joint work with Sunghan Kim (National UniversitySeoul, South Korea) and Henrik Shahgholian (KTH Stockholm).

This talk is part of the **Analysis** series. For more, see
https://maths.ucd.ie/seminars