Analysis Seminar

M. Ghergu

will speak on

Global and blow–up solutions for quasilinear elliptic systems

Tue 19th February 2019 at 3:00PM

Location: SCN 1.25

We study positive radial solutions for elliptic systems driven by the p–Laplace operator. First, we classify all positive solutions in a ball according to their behaviour at the boundary. Then, we discuss the system in the whole space. In such a setting, we describe the precise behaviour at infinity for global radial solutions by using properties of three component cooperative and irreducible dynamical systems. This talk is based on a joint work with G. Singh (Trinity College Dublin) and J. Giacomoni (Univ Pau, France)

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