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**Scoil na
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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 standard methods available in the literature which rely on moving plane methods, we apply several tools that pertain to free boundary problems in order to pursue our investigation. This talk is based on a joint work with Sunghan Kim (National University Seoul, South Korea) and Henrik Shahgholian (KTH Stockholm).

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