Analysis Seminar

Neil Dobbs

will speak on

Dynamics of maps from the exponential family

Tue 5th February 2019 at 4:00PM

Location: SCN 125

In this introductory talk, we will investigate what happens when one iterates maps of the form $f_\lambda : z \mapsto ce^z$, where c is a non-zero complex number. In some interesting cases, the set of periodic points is dense, a generic point will have a dense orbit, and a Lebesgue-typical orbit may have different properties again.

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