Analysis Seminar

J. Giacomoni (Pau, France)

will speak on

Diaz Saa Inequality for $p(x)$-laplacian and applications

Tue 6th March 2018 at 3:00PM

Location: SCN 125

In this talk, I will present arecent work with P. Takac. It concerns a new extension of thewell-known inequality by Diaz-Saa which in our case, involves an anisotropic operator, such as $p(x)$-Laplacian. Our present extension of this inequality enables us to establish several new results on the uniqueness of solutions, comparison principles and stabilization for some anisotropic quasilinear elliptic and parabolic equations.

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