Analysis Seminar

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

Speaker: J. Giacomoni (Pau, France)

Date: Tue 6th March 2018 at 3:00PM

Location: SCN 125

Abstract: 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.