Title: Symmetrization for fully anisotropic elliptic equations

Abstract: The aim of this seminar is to outline some results obtained in recent years concerning nonlinear fully anisotropic Dirichlet problems, whose anisotropy is governed by a general $N$-dimensional Young function of the gradient. The $N$-dimensional Young function that we take into account needs neither be radial, nor have a polynomial growth, and is not even assumed to satisfy the so-called \(\Delta_2\)-condition.

Relying upon anisotropic symmetrization we exhibit some a priori estimates for solutions of different class of anisotropic elliptic equations with Dirichlet boundary conditions. This talk is based upon a joint project in collaboration with A. Alberico and F. Feo.