UNIVERSITÀ DELLA CALABRIA

## DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE



Ph.D. programme in Mathematics and Computer Science

Title: Interpolation techniques

Speaker: Francesco Dell'Accio

The problem of determining a continuous function of multiple variables, given a finite set of observations, has attracted the attention of a large group of researchers. With the advent of modern computers the interest about this the topic has been increased. Interpolation using polynomials, in particular, has received constant attention from the mathematical community, and it is currently one of the basic topics of the interpolation theory in several variables. The course aims to introduce basic techniques, also indicating applications to difficult cases of scattered data.