

Thursday, December 13th, 16:00

Mateus Sousa

Ludwig-Maximilians-Universität München (Germany)

REGULARITY OF MAXIMAL FUNCTIONS ON HARDY-SOBOLEV SPACES

In this talk we will explore some recent results on boundedness of maximal functions of convolution type associated to smooth kernels on Hardy-Sobolev spaces, as well as discuss sharpness of such bounds.