Title: **Determination of Spectrum of Functions**

Abstract

The support of the Fourier transform of a function is called the spectrum of the function. The problem of characterization of the shape of the spectrum of a function has a lot of applications in PDEs and tomography. In this talk I will give a full description of the boundary of the spectrum of a function on $\mathbb{R}^2$ in case the spectrum is a convex domain.

All are welcome.