

TEMPLE UNIVERSITY

Department of Mathematics

Analysis Seminar

Zoom meeting

Monday, March 28 2022, 2:30 p.m.

Certainty vs uncertainty

by Emanuel Carneiro

ICTP

Abstract: This will be a talk at in harmonic analysis with little bits of number theory. We will discuss some of the different faces of the uncertainty principle for the Fourier transform and its recent connections to lattices and packing problems, and then slowly move towards uncharted territories. The required background in analysis will be minimal.