

## **Heat Content Asymptotics for the Fractional Laplacian**

RODRIGO BAÑUELOS  
Purdue University, USA

This talk will review some results on heat content asymptotics for the Laplacian and explore similar problems for the fractional Laplacian. We will discuss some results for Schrödinger operators on  $\mathbb{R}^d$  as well as for the Dirichlet problem on bounded domains.