Title: On good-\(\lambda\) inequalities

Abstract: The so-called good-lambda inequalities allow us to estimate one operator in terms of another given that they satisfy a measure-theoretic relation. In this talk, we establish a good-lambda inequality relating the distributions of the classical Riesz potential and the fractional maximal function, provided that the associated Radon measure is doubling. As an application, some potential inequalities will also be derived.