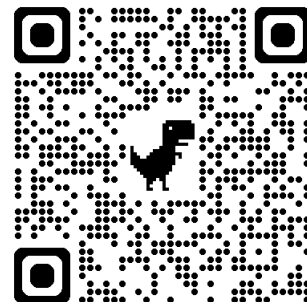




UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Seminario di
Analisi Matematica

Venerdì 23 Maggio 2025 · Ore 12.00
Aula M2.5, Edificio Matematica



Il dott. **Konstantinos Bessas**
dell'Università di Pavia
terrà un seminario dal titolo

Nonlocal Sobolev spaces and perimeters

Abstract:

We will introduce the notions of nonlocal Sobolev functions and nonlocal perimeters associated to a (possibly singular) kernel.

We will discuss the main properties of these objects, focusing on embeddings and isoperimetric inequalities, and we will show their applications to the study of geometric variational problems.

The talk is based on joint works with Giorgio Stefani (University of Padova) and Giuseppe Cosma Brusca (SISSA, Trieste).