

## WORKING SEMINAR

### Analisi Matematica

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Titolo: “Quantization properties for the  $n$ -Liouville equation”

Mercoledì 27 Ottobre 2021 ORE 11:00

Dipartimento di Matematica e Fisica  
Università degli Studi Roma Tre  
Largo San Leonardo Murialdo,1 - Pal.C – Aula 311

#### Abstract

For the classical Liouville equation in the plane, it is known that, along a non-compact sequence of solutions, the exponential nonlinearity converges to a sum of Dirac measures. The goal of this seminar is to discuss how these results can be extended to the  $n$ -Liouville equation involving the  $n$ -Laplacian in  $\mathbb{R}^n$  and an exponential nonlinearity.