

**Lie Groups and Representation Theory Seminar
at the University of Tokyo**

リー群論・表現論セミナー

DATE June 10 (Tue), 2025, 15:30–16:30

PLACE Room 128

SPEAKER **Paolo Ciatti** (University of Padua)

TITLE Spectral estimates on the Heisenberg group

ABSTRACT In this talk we will discuss some estimates concerning the spectral projections of the sub-Laplacian on the Heisenberg group. We will also consider some open problems and formulate a conjecture, providing some motivation for it.