



## Mathematics and CS Seminar

# Braverman-Kazhdan conjecture for finite fields

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**Host: Tamas Hausel**

Let  $G$  be a connected reductive group  $G$  over a finite field with dual group  $G^*$ , and consider a morphism  $r$  from  $G^*$  to  $GL(n)$ . From the standard Fourier transform on  $GL(n)$  and the morphism  $r$ , Braverman and Kazhdan defined an exotic Fourier operator on the space of functions on  $G(q)$  using Langlands functoriality. They also gave a conjectural formula for its kernel. In this talk we will give a proof of their conjecture. This is joint work with Grard Laumon.

**Thursday, June 30, 2022 01:00pm - 03:00pm**

ISTA Campus Heinzl Seminar Room / Office Bldg West (I21.EG.101)



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