



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

on Wednesday, Apr 21, 2021
at 16:30

<https://weizmann.zoom.us/j/98304397425>

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Regularized Eisenstein series on Loop Groups over Function fields

Abstract:

Some time ago, A. Braverman and D. Kazhdan introduced a regularized Eisenstein series on a loop group over a function field and explained how its meromorphic continuation would yield information about automorphic L-functions on finite-dimensional groups (i.e. it would give an extension of Langlands-Shahidi to loop groups). We will give a (new?) construction of these regularized Eisenstein series and then explain what we know about their continuation. This is joint work in progress with S.D. Miller and H. Garland.