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The Hong Kong University of Science and Technology

Department of Mathematics

Seminar on Pure Mathematics

Geometry and Arithmetic of Shtukas'

By

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Abstract

In this talk, I will talk about the basic construction (Drinfeld's and Varshavsky's) of the moduli of shtukas and the action of unramified Hecke algebra on their cohomology. We will focus on its role in Yun-Zhang's work on "higher Gross-Zagier's formula".

Date: Monday, 11 December 2017

Time: 2:00p.m. - 3:00p.m.

***Venue: Room 1511, Academic Building
(near Lifts 27&28), HKUST***

All are welcome!