

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : Arasteh Rad (National Center for Theoretical Sciences)

Title : Langlands Program and Manifestations of Shtukas

Abstract :

Moduli spaces for (G-)shtukas appear as function fields analogs for Shimura varieties. This can be observed through so-called Langlands philosophy. In this talk we aim to review the big underlying picture. In addition we will discuss the construction of these spaces. We do this from a new point of view. As we will see, this may shed some light on the possible relations between these moduli spaces and some other interesting (and well-known) moduli spaces. We further briefly mention some methods to describe the local geometry of these spaces.

Time : 11:00 - 12:30, Wednesday, December 4, 2019

Venue : Room 638, Astro-Math. Buidling (NTU Campus)

Organizer : Sheng-Fu Chiu (Academia Sinica), Jia-Yuan Dai (National Center for Theoretical Sciences)

Refreshment : 10:30

https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html

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