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THE WEIZMANN INSTITUTE OF SCIENCE  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE  
Algebraic Geometry and Representation Theory Seminar

Room 155 ,Ziskind Building  
on Wednesday, Mar 08, 2023at 17:00

Please note the hour. Also, the seminar will be broadcasted on Zoom. The link: <https://weizmann.zoom.us/j/98304397425>  
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On p-adic L-functions for  $U(2,1) \times U(1,1)$

Abstract:

The Ichino-Ikeda conjecture is an explicit relation between the central L-value and squares of a certain period of automorphic forms. This conjecture has been established by Beuzart-Plessis, Yifeng Liu, Wei Zhang, Xinwen Zhu, Chaudouard and Zydor for unitary groups. I will report on my joint work in progress with Michael Harris and Ming-Lun Hsieh on the construction of p-adic L-functions for  $U(2,1) \times U(1,1)$  via the Ichino-Ikeda conjecture.