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

Room 290C ,Ziskind Building  
on Tuesday, Nov 28, 2017at 11:15

Yuanqing Cai WIS

Weyl group multiple Dirichlet series

Abstract:

Weyl group multiple Dirichlet series are Dirichlet series in  $r$  complex variables which initially converge on a cone in  $\mathbb{C}^r$ , possess analytic continuation to a meromorphic function on the whole complex space, and satisfy functional equations whose action on  $\mathbb{C}^r$  is isomorphic to the Weyl group of a reduced root system. I will review different constructions of such series and discuss the relations between them.