

Title: Adelic integration on arithmetic surfaces, meromorphic continuation of their zeta integral and mean-periodic functions.

Speaker: Ivan Fesenko

ABSTRACT:

I will sketch main developments in the study of the zeta integral of regular proper model of elliptic curve over a global field, including an approach to deduce meromorphic continuation and functional equation of the L-function of the curve, get additional information on distribution of its zeros and local behaviour at the central point.