

Mini-course 1: Lecture 1 (Critical L -values)

Wednesday, October 16, 2019 11:00 AM (1 hour)

We recall general conjectures about the existence of p -adic L -functions attached to motives and automorphic representations. Then the lecture is devoted to the study of the critical values of the complex L -function of cuspidal automorphic representations of $GL(2n)$ admitting a Shalika model. In particular we describe such L -values in terms of classical evaluations constructed using the cohomology of the corresponding locally symmetric space and so-called automorphic cycles.

Presenter: (UNIVERSITY OF NOTRE DAME), Andrei Jorza