

Number Theory Seminar

Low-lying zeros of Artin L-functions

by Anders Södergren (University of Copenhagen)

Date: Thursday, August 6

Time: 11:00 - 11:50 a.m.

Room: C620

Abstract: In this talk we discuss the distribution of low-lying zeros of certain families of Artin L-functions attached to geometric parametrizations of number fields. We describe several explicit examples of such families and in each case we present the symmetry type of the distribution of low-lying zeros. This is joint work with Arul Shankar and Nicolas Templier.