

Speaker: Jonathan Pottharst

Title: Selmer groups of non-ordinary motives

Abstract: In the first part of the talk we review the algebraic side of Iwasawa theory, which studies the behavior of generalized class groups (called Selmer groups) in certain towers of number fields. We pay special attention to the problems that classically arise when the inputs are non-ordinary (also said to be supersingular). In the second part of the talk we describe a technique that brings most non-ordinary cases onto an equal footing with the ordinary case.