SUJATHA RAMDORAI AND DEBANJANA KUNDU,

Iwasawa Theory of Fine Selmer Groups

In this mini-course we will understand the Iwasawa theory of Elliptic Curves with a focus on the module theoretic structure of (fine) Selmer groups of elliptic curves. There is growing evidence that conjectures in classical Iwasawa theory are equivalent to the conjectures on the side of elliptic curves. We will explore some new partial results on either side of the story.