1163-11-1346 **Jeffrey Hatley*** (hatleyj@union.edu) and **Antonio Lei**. *Comparing positive rank Iwasawa modules.*

Iwasawa theory provides a powerful method of studying Selmer groups associated to elliptic curves and modular forms. For a long time, many results have assumed that these Selmer groups were (co)torsion modules for the Iwasawa algebra $\Lambda = \mathbb{Z}[\![T]\!]$. This assumption frequently holds case when dealing with the cyclotomic $\mathbb{Z}_p$-extension of $\mathbb{Q}$. On the other hand, when considering an anticyclotomic $\mathbb{Z}_p$-extension K_∞/K of an imaginary quadratic field $K/\mathbb{Q}$, these Selmer groups often have positive (co)rank. This talk will discuss recent work with Antonio Lei which develops tools for studying this situation in a manner akin to the (co)torsion setting. (Received September 15, 2020)