An Equivariant Main Conjecture in Iwasawa Theory

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I will discuss the statement and proof of an equivariant main conjecture in Iwasawa theory, building upon work of Dasgupta-Kakde on the Galois module structure of the Selmer groups defined by Burns-Kurihara-Sano. I will make connections with my earlier joint results with Greither in geometric Iwasawa theory and give some applications. This is based on joint work with Rusiru Gambheera.