Séminaire de théorie des nombres

Le 29 Mai à 14h

Root numbers and non-commutative Iwasawa theory

Exposé de Sujatha

Résumé : We shall report on some recent on-going joint work with J. Coates, T. Fukaya and K. Kato. The main results revolve around the role played by root numbers of certain self-dual Artin representations associated to certain non-commutative p-adic Lie extensions. It was inspired by work of T.Dokchitser and V. Dokchitser, and M. Shuter. It is related to recent joint work of H. Darmon and Y. Tian, and also to work of D. Rohrlich.