

Séminaire de théorie des nombres

Le 19 septembre 2016 à 14h (PRG)

CM points and derivatives of L -functions

Exposé de Shouwu Zhang
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Résumé : I will talk about recent work on an averaged version of Colmez' conjecture with applications to the André-Oort conjecture, and discuss some related work on derivatives of L -functions by Zhiwei Yun and Wei Zhang using Drinfeld's moduli of Shtukas, and by Xinyi Yuan using Shimura curves.