

---

**FRANCESC CASTELLA**, McGill University

*On the  $p$ -adic variation of Heegner points*

We will report on our recent work on the relation between Heegner points and  $p$ -adic  $L$ -functions, both made to vary in  $p$ -adic families. By Kolyvagin's "method of Euler systems", this leads to a number of applications, in particular to the arithmetic of modular elliptic curves.