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**F Sprung\***, 901 S. Palm Walk, Wexler Hall, Tempe, AZ 85287-1804. *Subleading terms of  $p$ -adic  $L$ -functions.*

The refined Birch and Swinnerton-Dyer conjecture relates the leading term of the Hasse-Weil L-function of an elliptic curve to various algebraic invariants. Recently, Wuthrich has related the subleading (i.e. second non-zero) term to the leading term. Bianchi found a  $p$ -adic analogue of this theorem. We report on a chromatic version of this result in terms of integral  $p$ -adic L-functions. This is joint work with C. Dion. (Received January 10, 2020)