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Robert Pollack* (rpollack@math.bu.edu), Boston University, 111 Cummington Street, Boston, MA 02215. *Mazur-Tate elements of non-ordinary modular forms II.*

This talk is a continuation of Tom Weston's talk on analytic Iwasawa invariants of higher weight non-ordinary modular forms. In this talk, we consider the case of forms of low slope (but arbitrary weight). We then discuss a conjectural picture which describes these invariants for forms without a restriction on the slope or on the weight. Finally, we discuss the relation of this conjecture to p-adic Langlands and local-global compatibility. (Received August 06, 2008)