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**Christelle Vincent\***, Department of Mathematics, 450 Serra Mall; Building 380, Stanford, CA 94305. *Weierstrass points on Drinfeld modular curves*. Preliminary report.

We consider the so-called Drinfeld setting, a function field analogue of some aspects of the theory of modular forms, modular curves and elliptic curves. In this setting Drinfeld constructed families of modular curves defined over a complete, algebraically closed field of characteristic  $p$ . We are interested in studying their Weierstrass points, a finite set of points of geometric interest. In this talk we will present the modular Wronskian, which is the main tool we use to compute the image of these points modulo a prime ideal of the base ring, as well as our results. (Received July 27, 2014)