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**Lance Edward Miller\*** (lmiller@math.utah.edu) and **Benjamin Steinhurst**. *Witt-Burnside rings and rings of p-adic functions*. Preliminary report.

In this talk, we explore an interpretation of Witt-Burnside rings with rings of p-adic continuous functions. In particular, we demonstrate a homomorphism from  $W_{\mathbb{Z}_p^2}(k)$  to the continuous  $W(k)$ -valued functions on  $P^1(Q_p)$ . We exploit this to get a better understanding of the ring structure of  $W_{\mathbb{Z}_p^2}(k)$ . (Received September 21, 2012)