We discuss a generalisation of (scalar) Drinfeld modular forms. These have been introduced by David Goss in his Ph. D. thesis. In this work, we study infinity-adic families of them, where the weight is constant, but the level varies. Many of these families come from (vectorial) modular forms with values in Tate algebras for the full Drinfeld modular group. We describe the basic properties: analytic behaviour near the cusp infinity, finite dimensionality of their spaces, Hecke operators. We end the talk with some conjectures on the generators. (Received August 10, 2020)