Number systems with positive characteristic

 $KLAUS \ SCHEICHER < \texttt{klaus.scheicher@oeaw.ac.at} >$

Shift radix systems provide a unified notation to study several important types of number systems. However, the classification of such systems is a complicated problem. In this talk, we consider an analogue of this concept for algebraic function fields over finite fields. It turns out to be easier, such that we are able to completely classify these systems.