Speaker: Vladimir Berkovich

Title: Analytic geometry over F_1

Abstract: I'll talk on work in progress on algebraic and analytic geometry over the field of one element $\mathbb{F}_1$. This work originates in non-Archimedean analytic geometry as a result of a search for appropriate framework for so called skeletons of analytic spaces and formal schemes, and is related to logarithmic and tropical geometry. I'll explain what analytic spaces over $\mathbb{F}_1$ are, and will describe non-Archimedean and complex analytic spaces which are obtained from them.