

**Speaker:** Kiran Kedlaya

**Title:** Banach bundles

**Abstract:** Tate's theory of rigid analytic spaces includes a theory of coherent sheaves described by Kiehl. We describe an extension of this construction to what we call "Banach bundles" on rigid analytic spaces, and more general adic spaces such as perfectoid spaces; this builds upon previous work with Ruochuan Liu. As an application, we obtain a GAGA-style theorem for vector bundles on a product of Fargues-Fontaine curves.