



Speaker: David Hansen
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Wednesday, September 19, 2018
3:00 PM
258 Hurley Hall

Title: The one-point compactification of a scheme

Abstract:

The one-point compactification of a locally compact Hausdorff space is a classical and useful construction. In this talk I'll define an analogous compactification in the setting of schemes, explain its basic properties, and give some applications. In particular, I will sketch a totally canonical definition of the functor $Rf_!$ in étale cohomology. This is joint work in progress with Johan de Jong.