

## Monoids and (1-)toposes

*jeudi 24 octobre 2024 16:45 (55 minutes)*

My work revolves around monoids acting on things, especially in the context of (1-)topos theory. As such, it is through this lens that I view the ingredients of algebraic geometry, and I will tell you about this perspective. From a research perspective, this work hasn't gone very far yet; I merely intend to sketch out for you a different way of setting up the big picture.

Since (Grothendieck) 1-toposes probably won't otherwise have been discussed much this week, I'll take some time to reflect on the basic properties and constructions of these objects.

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