

Další seminář z algebry se koná 16.9.2021 od 13.00 online na platformě [ZOOM](#) a v učebně M5. Informace
pro připojení a další program semináře je [zde](#).

Nicholas Meadows

Higher theories and monads

Abstrakt:

We extend Bourke and Garner's idempotent adjunction between monads and pretheories to the framework of ∞ -categories, and exploit this to prove many classical theorems about monads in the ∞ -categorical setting. Amongst other things, we prove that the category of algebras for an accessible monad on a locally presentable ∞ category is locally presentable. We also apply the result to construct examples of ∞ -categorical monads from pretheories.