

We will continue online on Thursday, **16th of September, at 13.00 CEST** on [ZOOM](#) platform and **M5 lecture room**

(for information how to access seminar and next programme visit

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) by the talk:

Nicholas Meadows

Higher theories and monads

Abstract:

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.