

We will continue online on Thursday, **March 18th, at 1pm on [ZOOM](#) platform** (for information how to access seminar and next programme visit

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) by the talk:

Karol Szumilo

Infinity groupoids in lexensive categories

Abstract:

I will discuss a construction of a new model structure on simplicial objects in a countably lexensive category (i.e., a category with well behaved finite limits and countable coproducts). This builds on previous work on a constructive model structure on simplicial sets, originally motivated by modelling Homotopy Type Theory, but now applicable in a much wider context. This is joint work with Nicola Gambino, Simon Henry and Christian Sattler.