MORITZ GROTH, Radboud University, Nijmegen
Additive ∞-categories and canonical monoidal structures I

We will describe joint work with David Gepner and Thomas Nikolaus, in which we study additive ∞-categories. Examples of such ∞-categories are given by commutative group objects, and these examples are generic in a certain sense. In the framework of presentable ∞-categories, additive ∞-categories define a localization, and there are similar such results for pointed, preadditive, and stable ∞-categories. This localization picture will be analyzed further in the talk by Thomas Nikolaus, in which also some applications will be mentioned.