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*Ultracategories: Past and Future*

Ultracategories were introduced by Makkai to axiomatise the idea of a category with ultraproduct functors, and to show the conceptual completeness theorem, linking the syntax and semantics of coherent logic. We give an outline of the historical development of the theory of ultracategories, starting with the initial work of Makkai and the subsequent work of Marmolejo and Zawadowski, passing by the new framework of Lurie which redefined ultracategories more concisely. We then explore new research in ultracategories which sprung in three directions: realising ultracategories as certain algebras for a pseudo-monad; using ultracategories to study the idea of continuous families of models; and defining generalisations of ultracategories aimed at showing a more general version of conceptual completeness. We end by exploring new research directions.