

Coalgebraic Logic over Posets

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Coalgebraic logic has been mostly developed for coalgebras over sets. This talk will report on ongoing work with Kapulkin (Warsaw) and Velebil (Prague) on how known results (such as the one that the logic of all predicate liftings is expressive) transfer to coalgebras whose carriers are posets. This is part of ongoing work on logics for (co)algebras enriched over a base category.