## Revisiting amalgamation and strong amalgamation

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Joint work with R. Bruttomesso and S. Ranise

Interpolation and combined interpolation received a lot of attention in recent times because of applications to software verification. We illustrate the use of such techniques within abstraction/refinement cycles and at the same time we show how to exploit old style algebraic characterizations in order to improve and extend available interpolation algorithms for first order theories at quantifier-free level.