

- ▷ SOL: Haskell-based tool for analysing confluence and termination of higher-order rewriting [H. JFP19][H., Abe, Kikuchi SCP20]
- ▷ New: Rewriting with Term Evaluation and Refinement System (TERS) [Muroya, H. FLOPS'24]
- ▷ New: Simulate context-sensitive rewriting by TES
- ▷ New: CS-Confluence based on criterion [Lucus'20]
 - If \mathcal{R} is left-linear, empty CS-CP, LHRV then CS-CR
 - If \mathcal{R} is CS-SN and all CS-CPs are CS-joinable, LHRV then CS-CR
- ▷ LHRV: active variables in lhs are not non-active in l nor r

$$\text{Var}^\mu(l) \cap (\text{Var}^\mu(l) \cup \text{Var}^\mu(r))$$

- ▷ CS-SN by SN of normal TRS