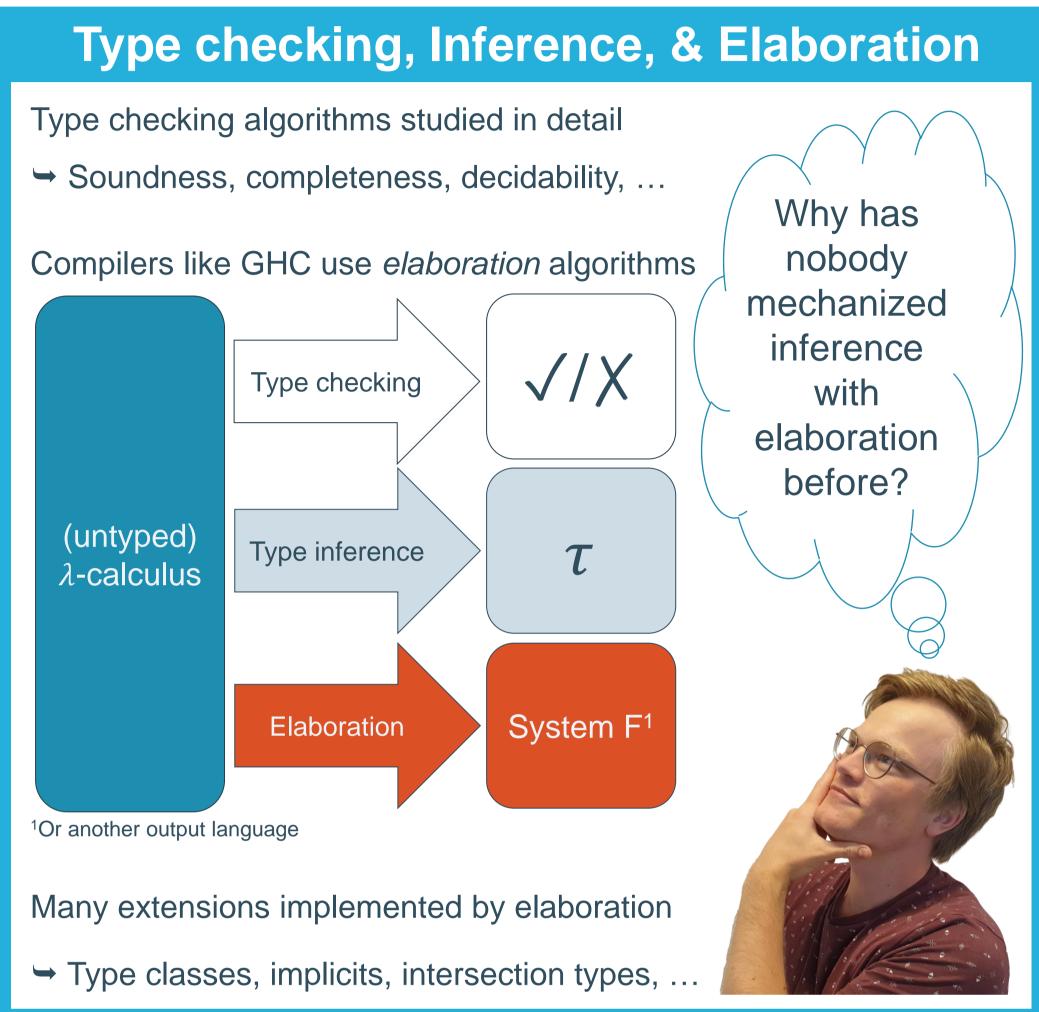
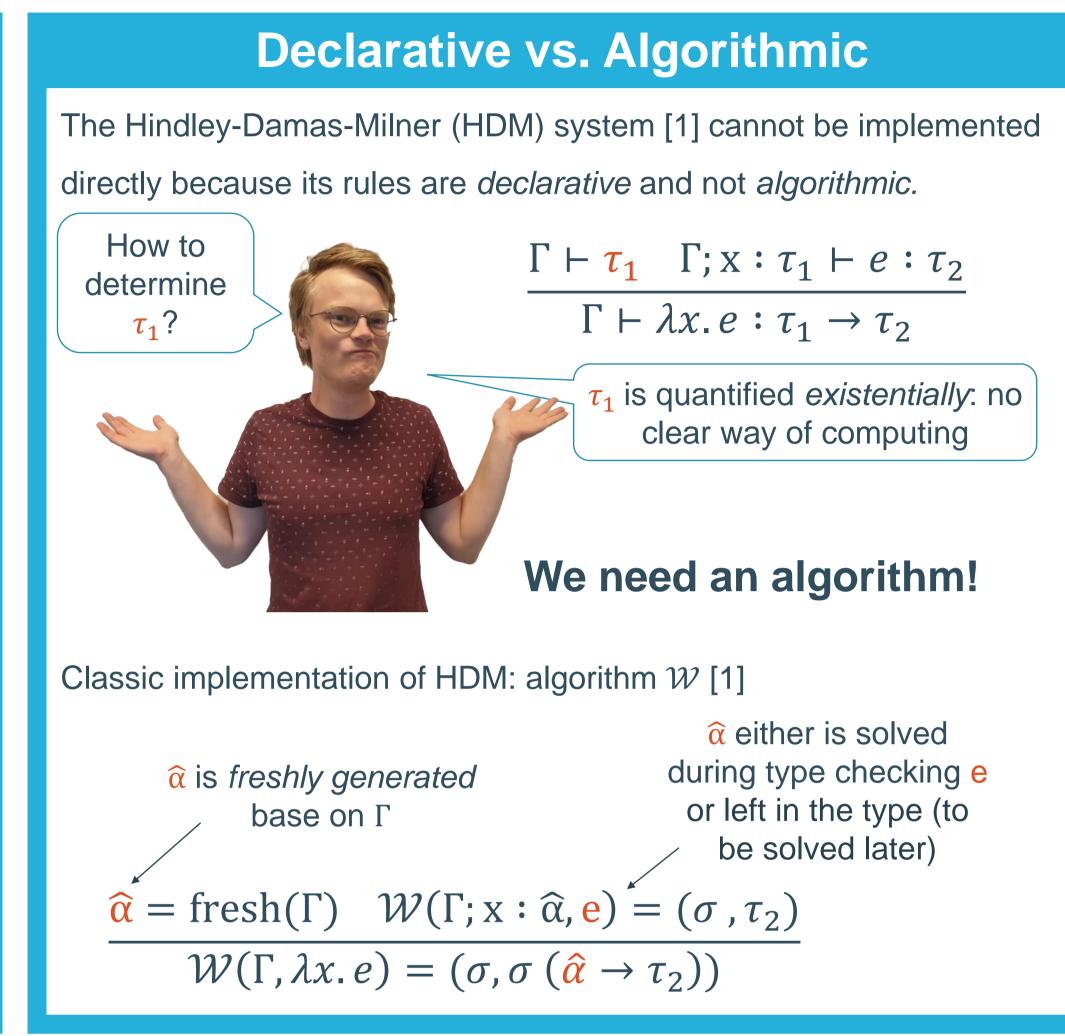
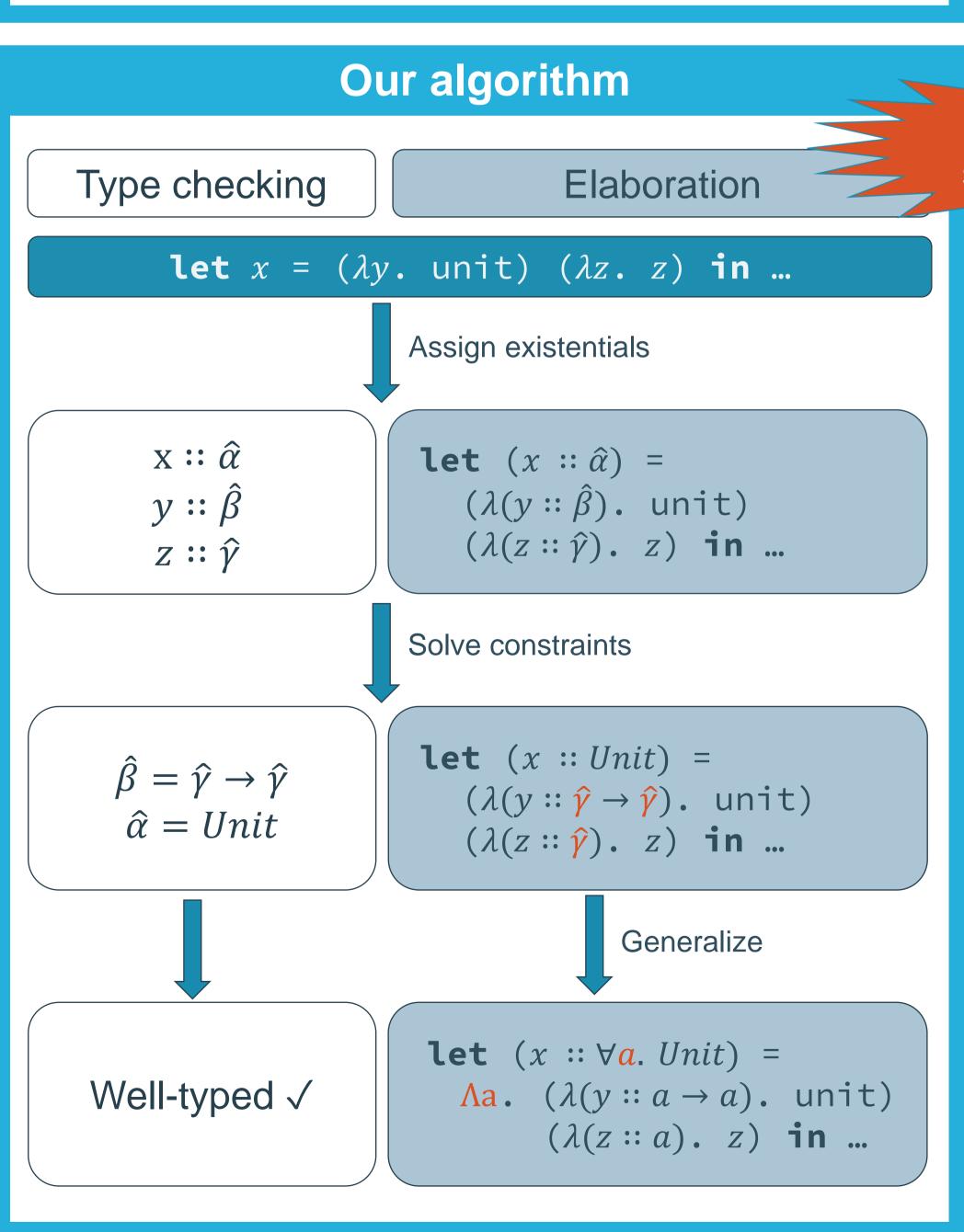
Mechanizing an elaboration algorithm for the Hindley-Damas-Milner type system

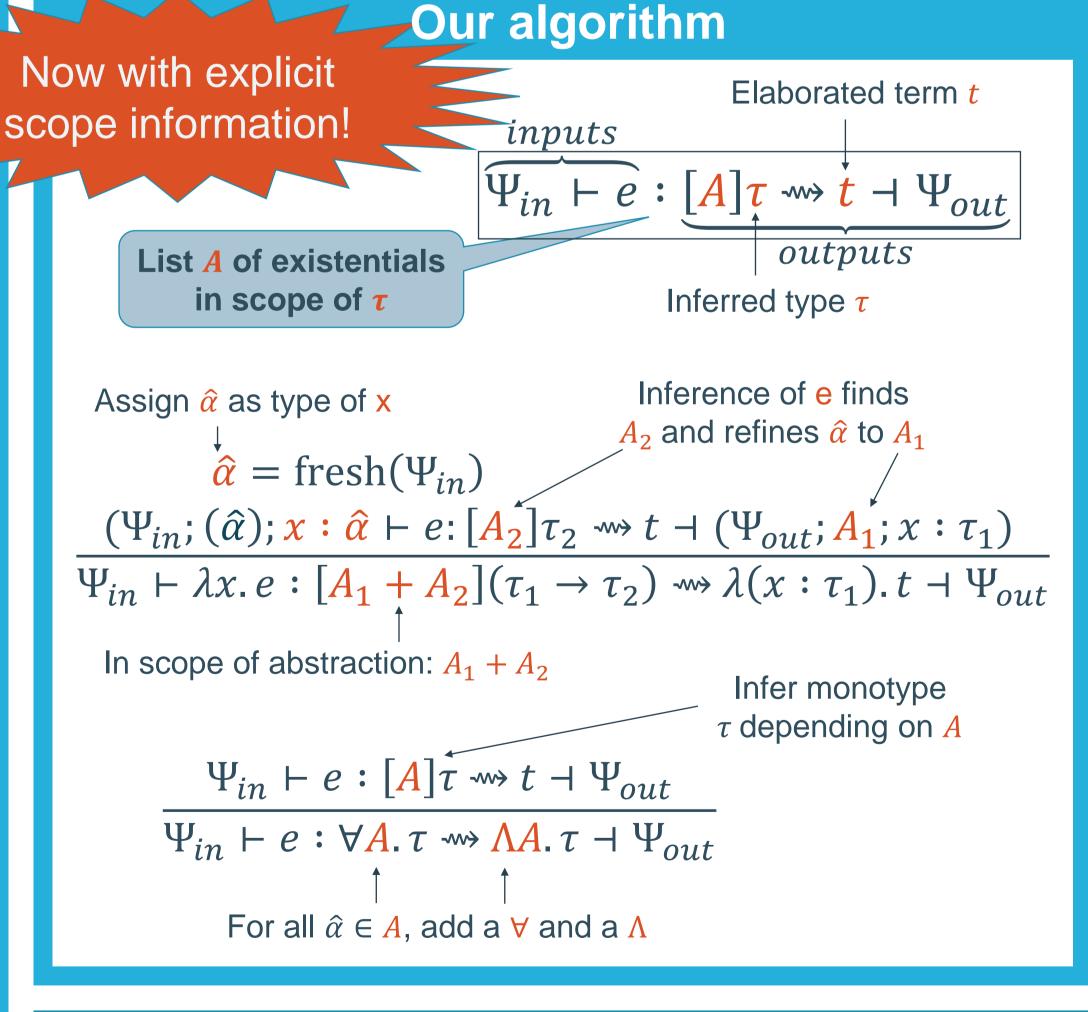
Roger Bosman

Supervisor: Prof. Tom Schrijvers









State of affairs

Mechanization ongoing

- Coq proof assistant_[2]
- Locally nameless^[4]
- Generalized rewriting[3]
- Ott/Lngen_[5,6]

Future work: extend type system with type classes



KU Leuven