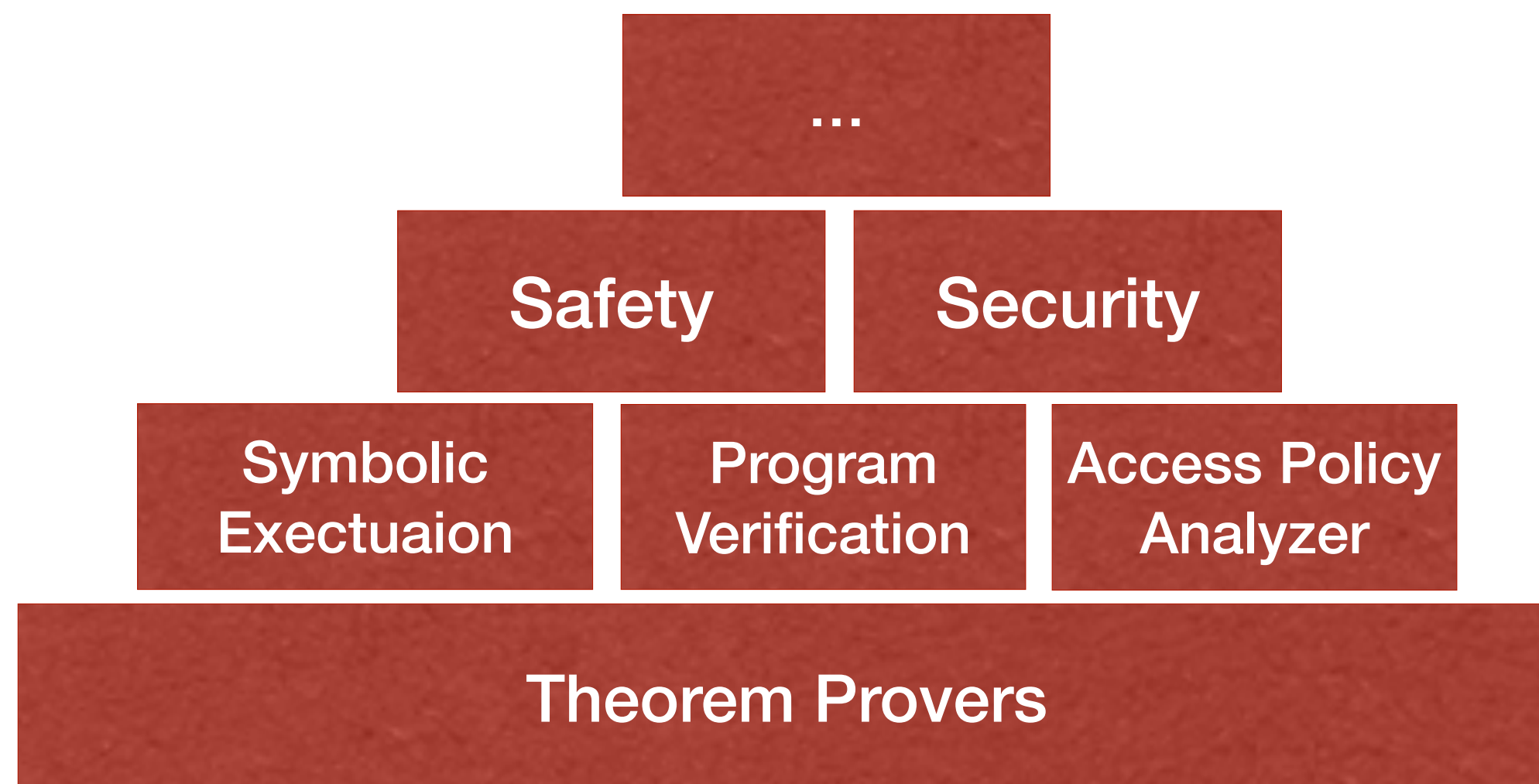# Dominik Winterer

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Project Yin-Yang SMT Solver Testing

[Summary: **1,560** (total) / **1,061** (fixed)]

[Z3 bugs: **1,147** (total) / **779** (fixed)]
[CVC4 bugs: **413** (total) / **282** (fixed)]

[Bugs in default mode (Z3): **680** (total) / **479** (fixed)]
[Bugs in default mode (CVC4): **204** (total) / **147** (fixed)]

[Soundness bugs (Z3): **375** (total) / **228** (fixed)]
[Soundness bugs (CVC4): **71** (total) / **60** (fixed)]

Research Vision
Robust & Fast SMT Solvers

Robust & Fast SMT Solvers

Performance

Correctness

TypeFuzz [OOPSLA '21]

OpFuzz [OOPSLA '20]

Yin-Yang [PLDI '20]