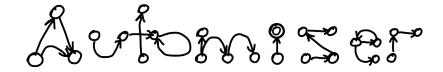
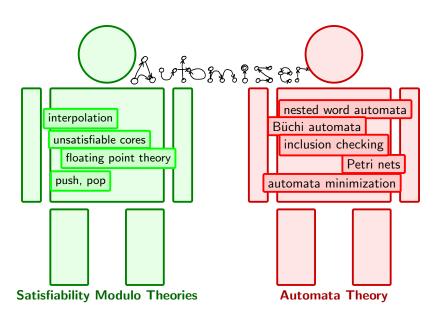
ULTIMATE



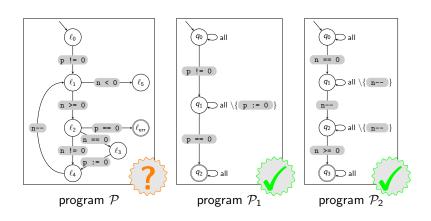
automata-based software verification

for non-reachability, memory safety, termination, overflows

2023 competition team: Matthias Heizmann, Max Barth, Daniel Dietsch, Leonard Fichtner, Jochen Hoenicke, Dominik Klumpp, Mehdi Naouar, Tanja Schindler, Frank Schüssele, Andreas Podelski



Automata-theoretic decomposition of verification tasks



$$L(\mathcal{P}) \subseteq L(\mathcal{P}_1) \cup L(\mathcal{P}_2)$$

