

SAT-based model checking

- Edmund Clarke
 - One of the founders of model checking
- SAT solving taking off
- Clarke hired several post-doctoral students to try to use SAT as an oracle to solve model checking problems
- Struggled for a while to find a general technique
 - What if you give up completeness? → Bounded Model Checking

Armin Biere, Alessandro Cimatti, Edmund Clarke, Yunshan Zhu. Symbolic Model Checking without BDDs. TACAS 1999
