## SMT-based Gas Consumption Computation for Smart Contracts

Matteo Marescotti, Martin Blicha, Antti E. J. Hyvärinen, Sepideh Asadi, Natasha Sharygina

- Smart contracts are immutable once deplyed.
- Gas-related flaws cause money losses, DoS, etc.
- Effects are **anytime** after deployment.

## THIS WORK

- Analysing gas consumption.
- Using a technique inspired by BMC.
- Contract model and gas specification as input.



## SMT-based Gas Consumption Computation for Smart Contracts

