

Welcome to the 2017 SMT Partial Function Games!

Challenges

- ▶ Divide by zero (\mathbb{Z} , \mathbb{R} , BV)
- ▶ fp.max, fp.min
- ▶ fp.to_*
- ▶ String operations ...

Rules

- ▶ Can't ignore them
- ▶ Can't avoid unsafe use
- ▶ Can't change the logic

Weapons

- ▶ Uninterpreted functions
- ▶ Make total by ...
- ▶ Add guards
- ▶ Beyond (sat)/(unsat)
- ▶ Extra arguments

Conjectures

- ▶ There is no right answer
- ▶ There is no approach everyone is happy with

May the odds be ever in your favour!