Welcome to the 2017 SMT Partial Function Games!

Challenges

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

Weapons

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

Rules

- Can’t ignore them
- Can’t avoid unsafe use
- Can’t change the logic

Conjectures

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

May the odds be ever in your favour!