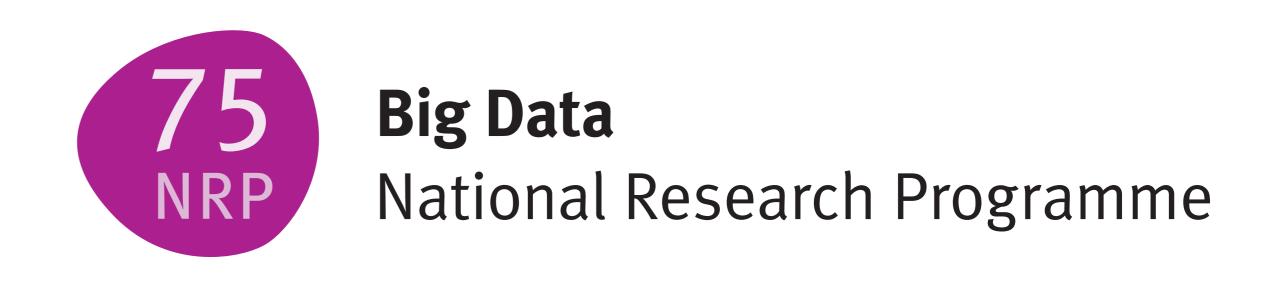
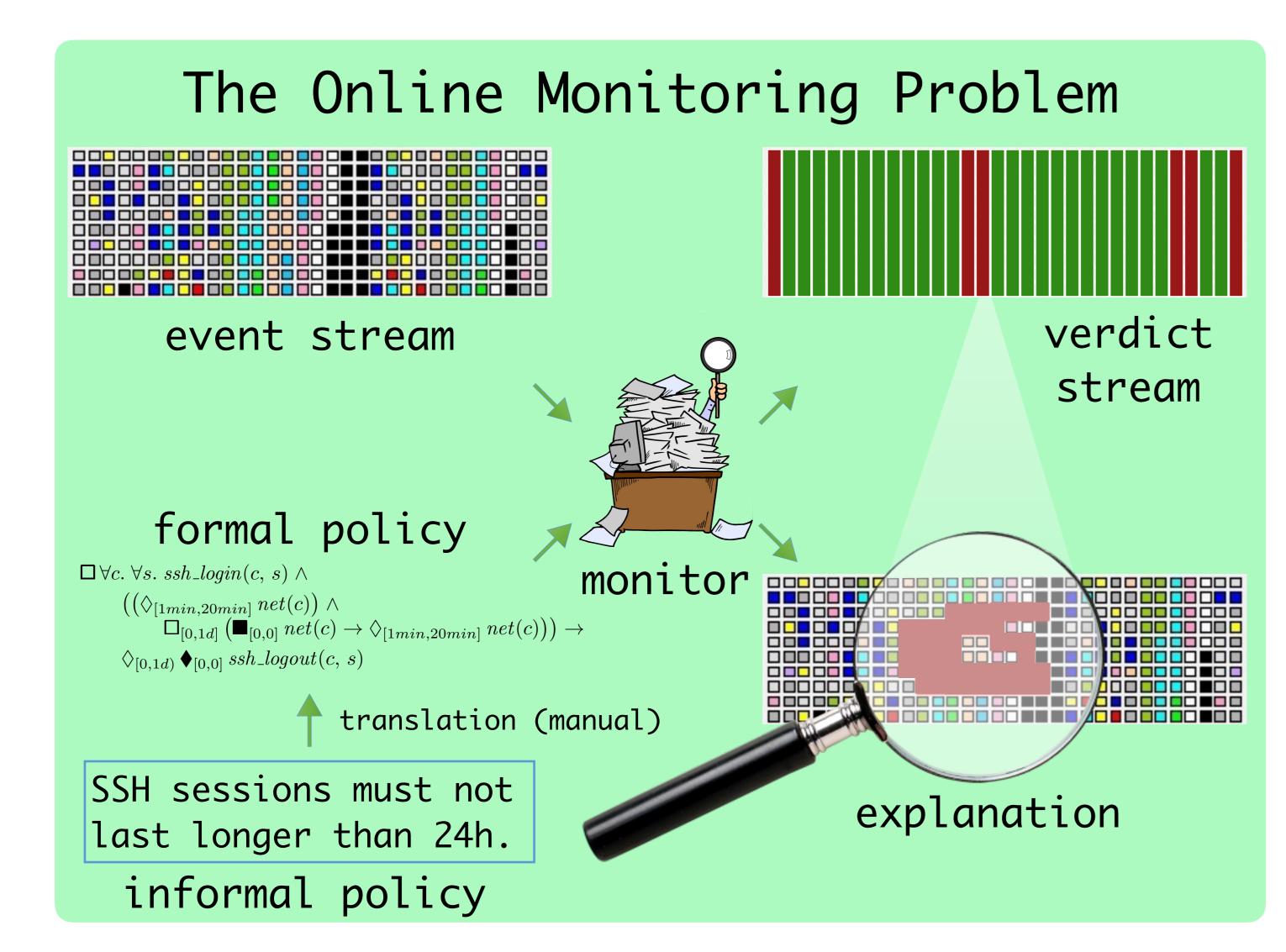
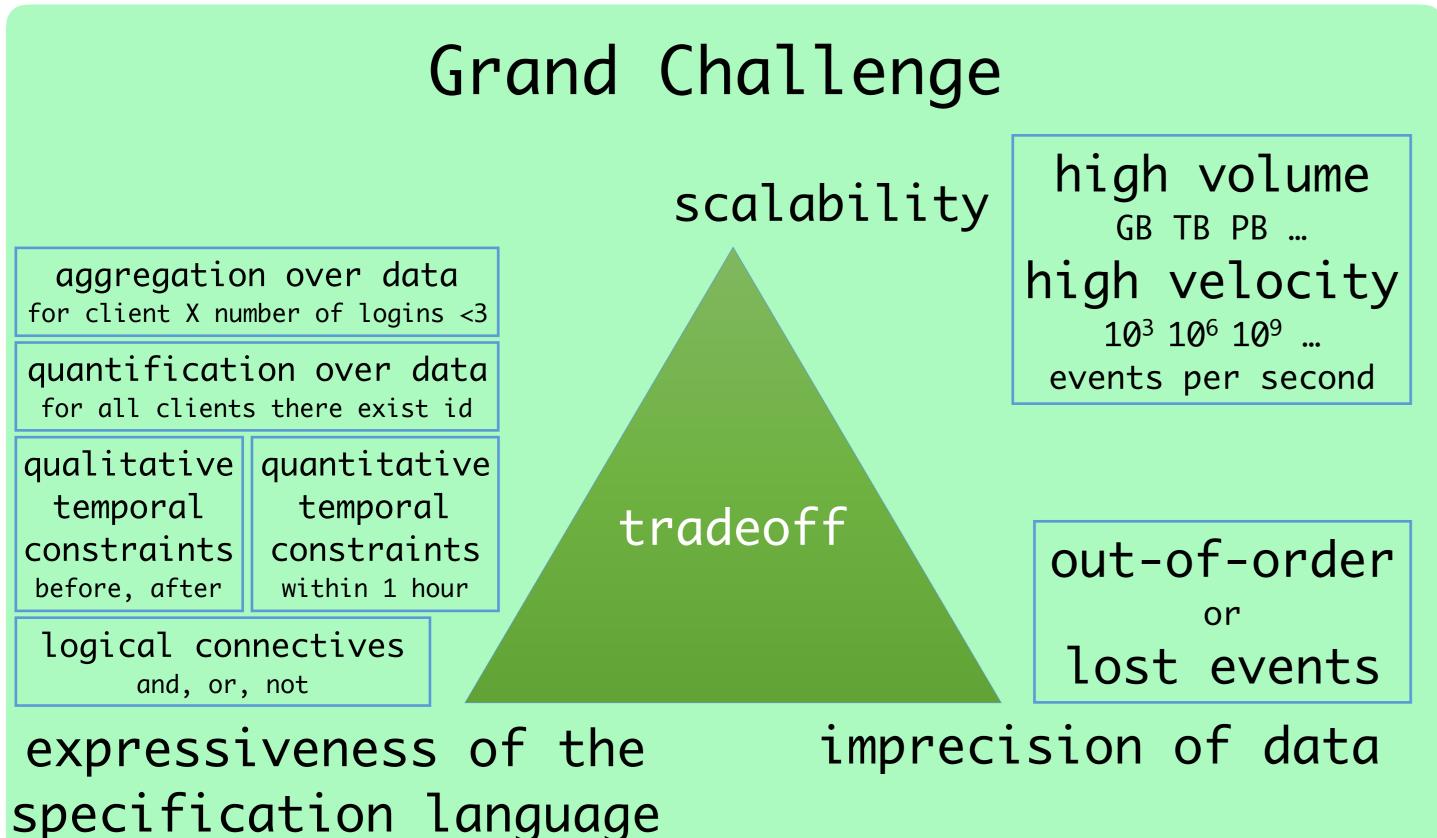
## Big Data Monitoring

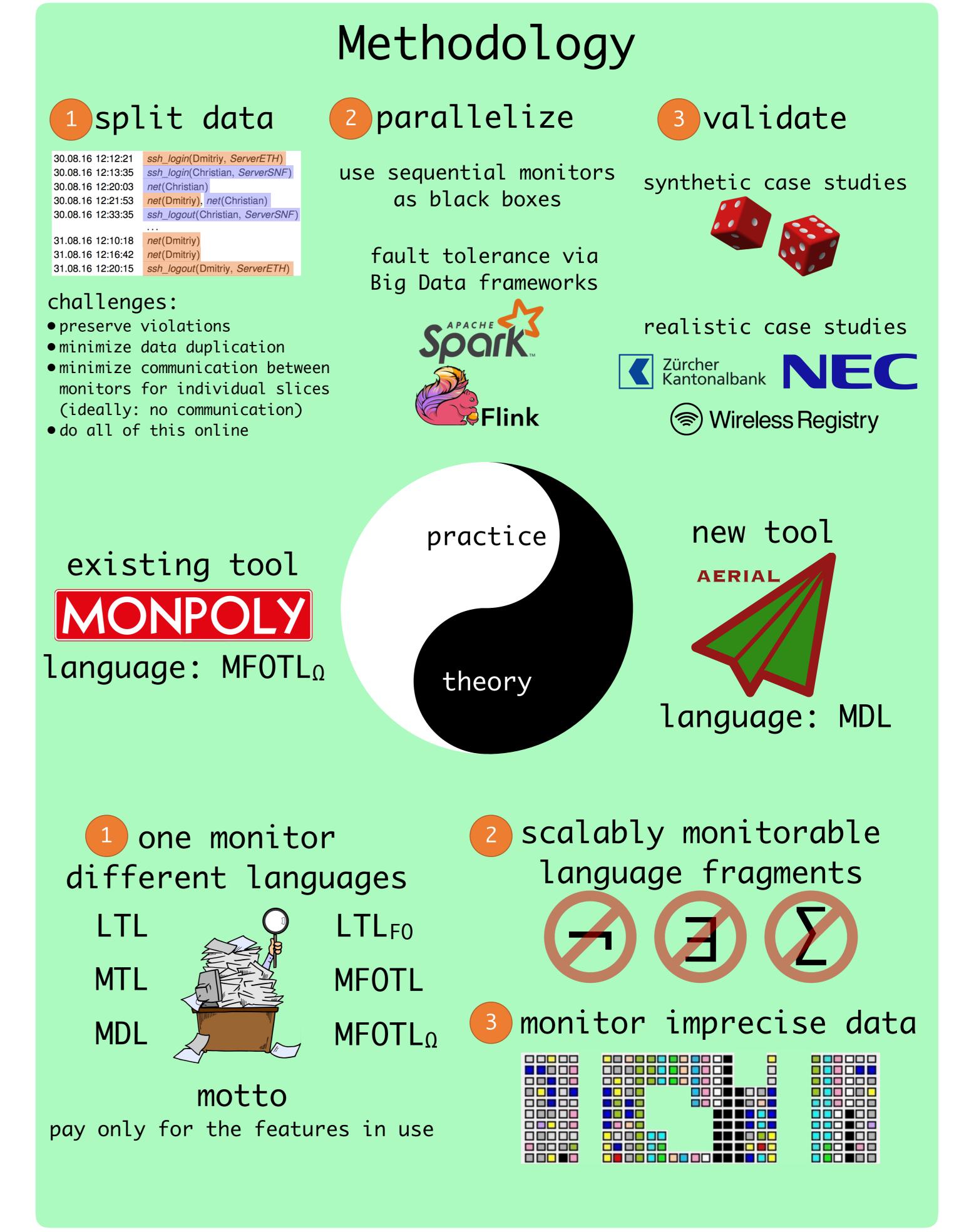
Dmitriy Traytel and David Basin

## ETHZÜrich





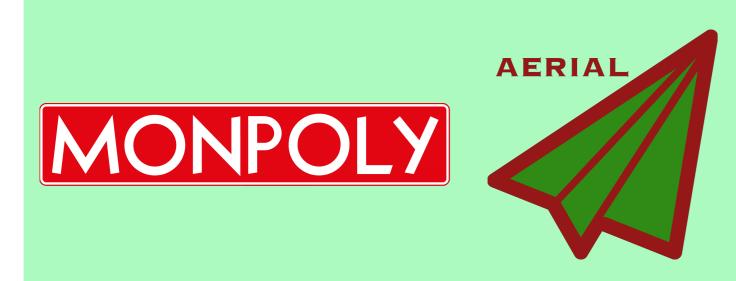






- Develop, implement, and validate scalable and efficient algorithms that solve the Online Monitoring Problem
- Delimit expressive specification languages that cater for scalable and efficient monitoring algorithms
- Extend monitoring algorithms to account for imprecise data

## Expected Results



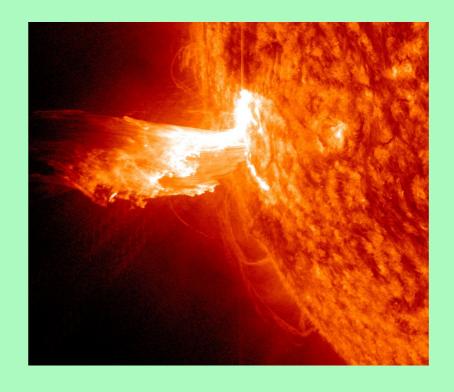
scalable versions of our monitoring tools

characterize which policies can be monitored on Big Data



predictable and trustworthy "querying" of Big Data by monitoring based on an expressive specification language with a solid logical foundation

## Collaborations with Other Projects

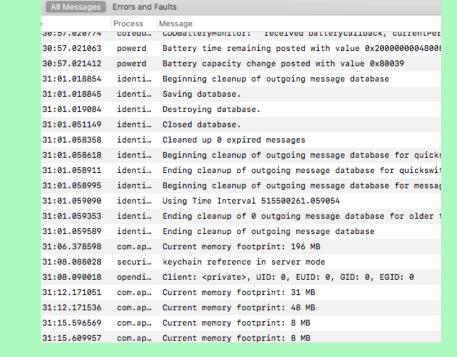




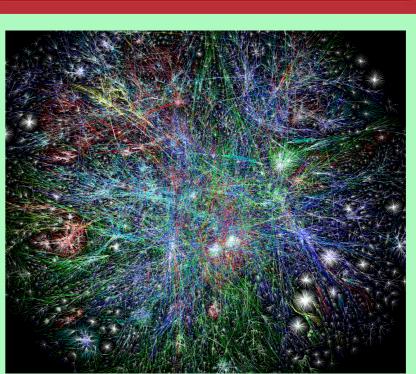


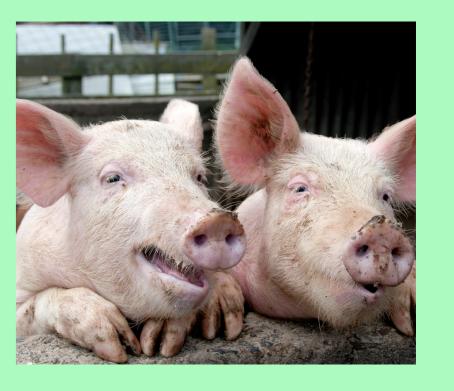












\*and your policies/properties/conjectures