

## Applied Techniques

**STA: A Permission-Dependent Type System**  
(Chapter 8, CSF'18)

**Doublade: Thread-aware Grey-box Fuzzing**  
(Chapter 6, submitted)

**Hawkeye: Directed Grey-box Fuzzing**  
(Chapter 5, CCS'18)

**FOT: A General Greybox Fuzzing Framework**  
(Chapter 7, ESEC/FSE'18)

## Securing Levels

**Verification:** Securing  
System Designing

Multithreading-relevant  
Bug Detection

Vulnerability Detection

**Testing:** Detecting  
Implementation Defects

High

Low