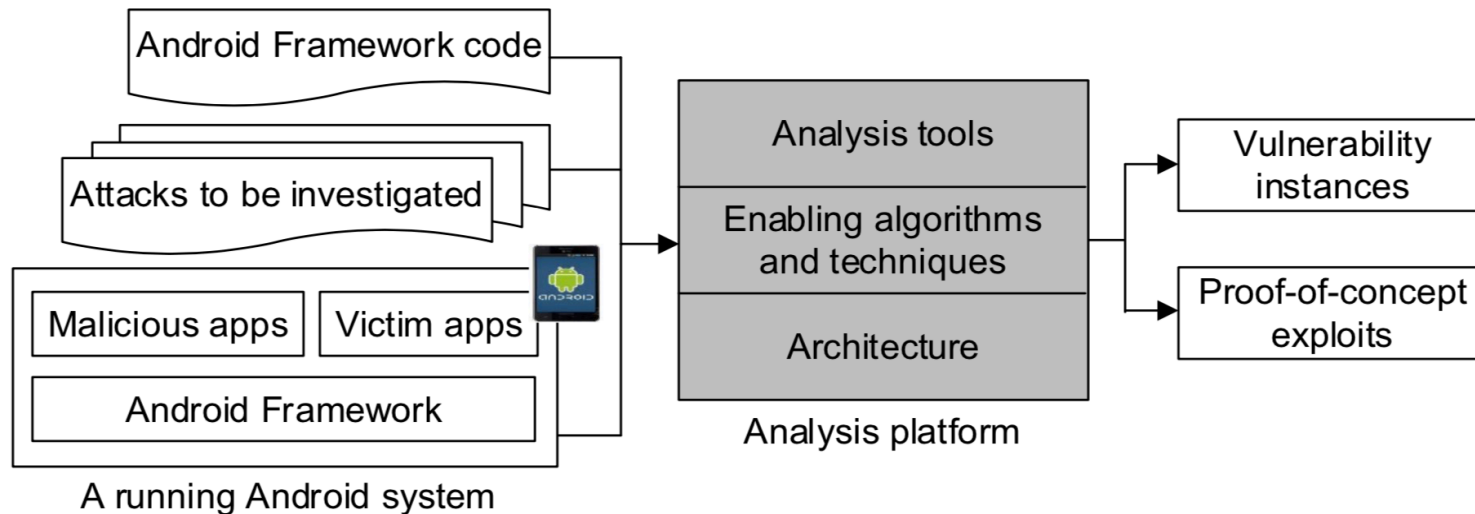


# SaTC: CORE: Small: Collaborative: Enabling Precise and Automated Insecurity Analysis of Middleware on Mobile Platforms



## Objective

Middleware on Mobile Platforms (MoMP), such as Android Framework, is vulnerable and exploitable. We aim at systematic, precise and automated insecurity analysis of MoMP.

## Research

The proposed research is to propose architectural designs, algorithms, and techniques for *insecurity analysis of MoMP*.

## Recent Publications

- Lannan Luo, Qiang Zeng, Chen Cao, Kai Chen, Jian Liu, Limin Liu, Neng Gao, Min Yang, Xinyu Xing, and Peng Liu. “*Tainting-Assisted and Context-Migrated Symbolic Execution of Android Framework for Vulnerability Discovery and Exploit Generation.*” IEEE Transactions on Mobile Computing (TMC), 2019.
- Other publications: NDSS’19, DSN’19 (2), RAID’19, BAR’19, AICS’19.