

# Systems Security Research at

Thorsten Holz  
Ruhr-University Bochum

 Workshop

July 6th, 2011 – Amsterdam, The Netherlands

# Horst Görtz Institute

Embedded Malware  
Ruhr-University Bochum

## Horst Görtz Institute for IT-Security (HGI)

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Prof. Alexander May  
Prof. Hans Simon  
Dr. Christopher Wolf

### Economics

Prof. Roland Gabriel  
Prof. Brigitte Werners

### Law

Prof. Georg Borges

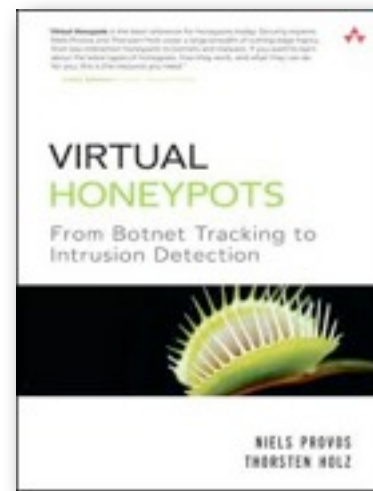
# Research Topics

Embedded Malware  
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## Honeypots and Honeynets



*The HoneyNet Project*



- *Collect malware samples*
- *Study current attacks*
- *Mobile honeypots*

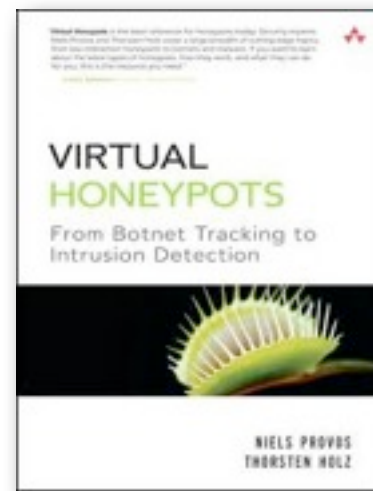
# Research Topics

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## Honeypots and Honeynets

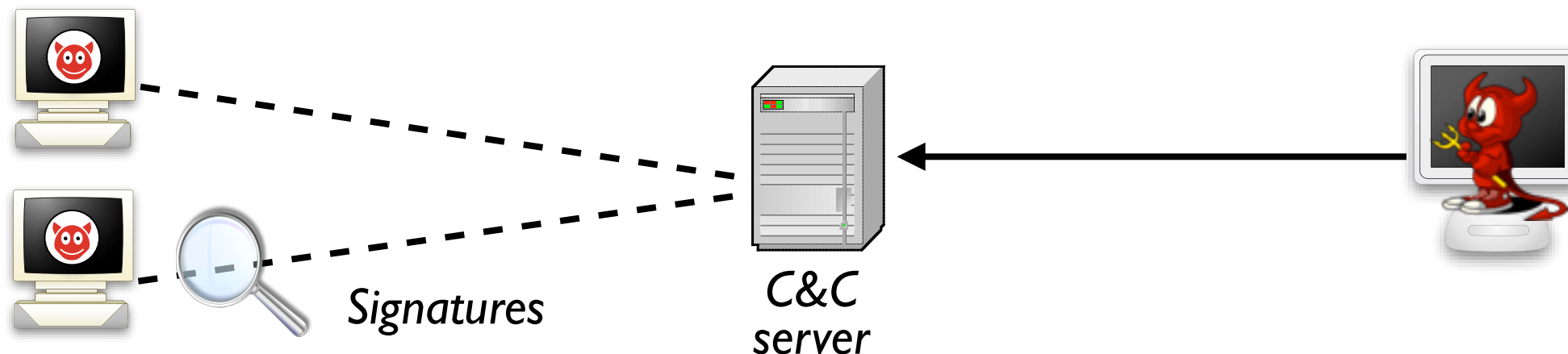


The HoneyNet Project



- Collect malware samples
- Study current attacks
- Mobile honeypots

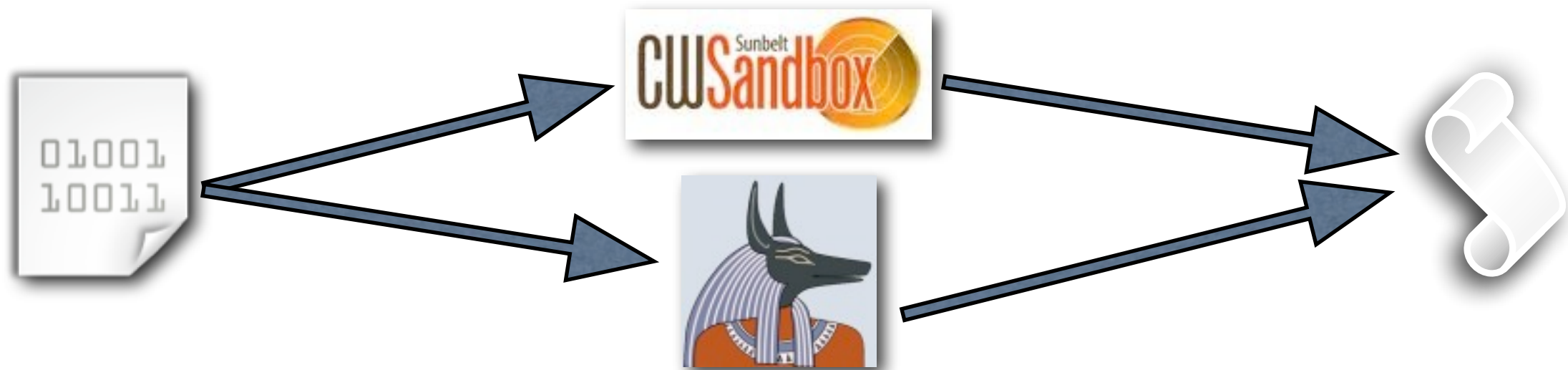
## Botnet detection and mitigation



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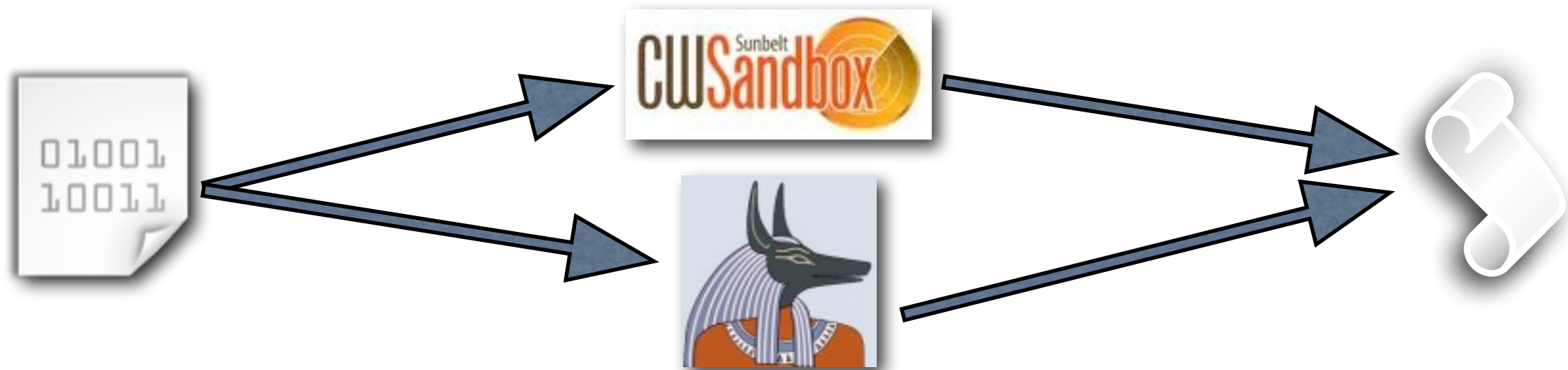
## Binary Analysis



# Research Topics

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## Binary Analysis



## Smartphone Security



# Questions?

Embedded Malware  
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