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PhD University of California Davis, 2010

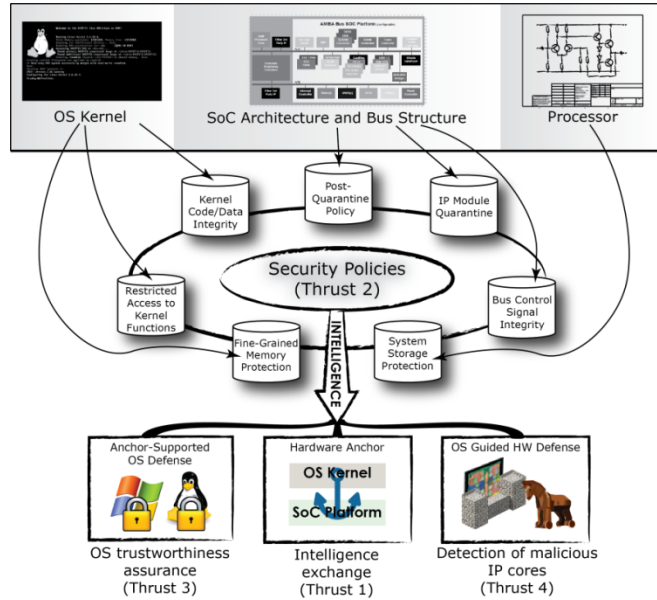
Research Highlights

NSF CAREER 2012

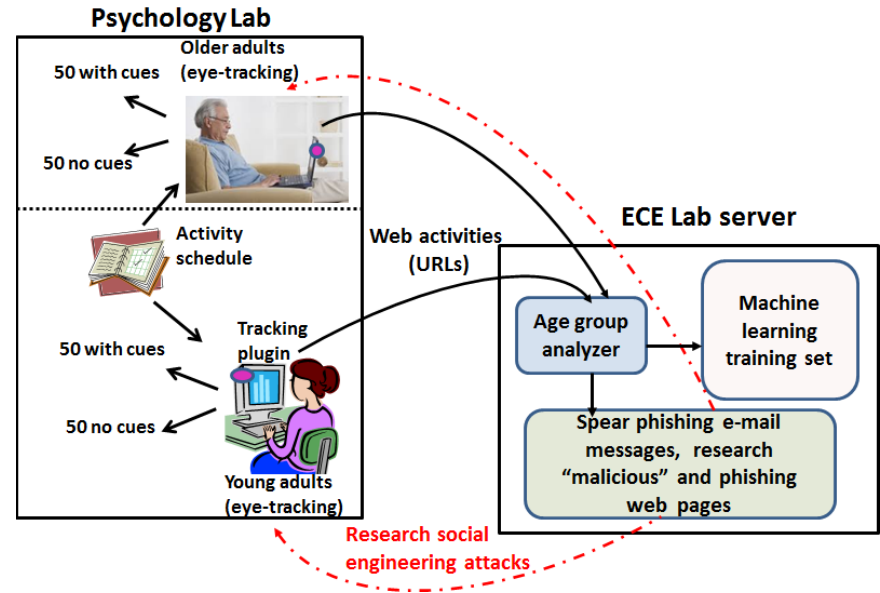
PECASE 2012

Organizer of NAE Frontier of Engineers Symposium (FOE) and
Cyber Security Panel at FOE - 2015

A Cross Boundary System-on-Chip Architecture with Flexible Security



Age-Targeted Automatic Cueing Against Social Engineering Attacks



Vulnerability database /bug tracker



ID	Disc Date	Title
98429	2013-10-12	D-Link DIR-100 / Planex BBL-04UE
98381	2013-10-11	Billboolanet_auth.php Multiple P...
98382	2013-10-11	Billboolanet_signup.php Multiple P...
98352	2013-10-11	Cart66 Plugin for WordPress adm...
98353	2013-10-11	Cart66 Plugin for WordPress adm...
98344	2013-10-11	Claroline_index.php coursesearch/...
98345	2013-10-11	Claroline_auth/inscription.php Ref...

Puzzles

```
urllib.urlopen
('https://python.org/')
```

Python SSL

Recruited developers



Online session

Blind spot understanding



Automated tools
Checklists/Guidelines
Educational materials

Capturing, Understanding and Addressing Blind Spots in APIs

```
char buff[4];
strcpy(buff, "largeString");
```

Buffer overflow