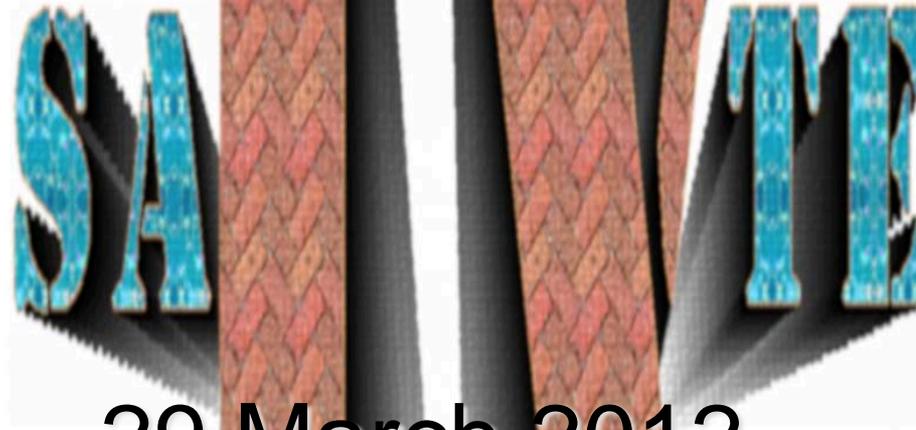


# Welcome to the fourth Static Analysis Tool Exposition experience workshop



29 March 2012

*Finding Truth in Juliet and CVEs*

# Workshop goals

- **Share experience with SATE IV and static analysis**
- **Discuss improvements for the next SATE**
- **Point out urgently-needed software assurance capabilities, outline any obstacles, and identify engineering or research approaches to overcome them.**

***We expect and encourage discussion and interaction throughout the day.***



# SATE IV Agenda

8:30 Welcome, **Paul Black, NIST**

8:45 Static Analysis @ CTI, **Richard Carback, CTI**

9:15 SATE IV background, **Vadim Okun, NIST**

9:45 Overview of the Juliet test suite, **Tim Boland, NIST**

10:00 break

10:30 Analysis of Synthetic Test Cases (Juliet) Results, **Aurelien Delaitre, NIST**

11:15 Summary of LDRA's participation in SATE 2011, **Clive Pygott, LDRA**

11:45 lunch

Session Lead: Richard Carback, CTI

1:15 Top 10 User Mistakes with Static Analysis, **Arthur Hicken, ParaSoft**

2:15 Sticking to the Facts II: CAS 2011 Study of Static Analysis Tools, **Kathleen Erno, CAS/NSA**

3:00 break

3:20 Some Observations from SATE Result Analysis, **Vadim Okun, NIST**

4:00 Discussion session: planning SATE 2011, **Paul E. Black, NIST**

# Questions to consider

- **Does distribution on VM help?**
- **Choose a program and let fuzzers, testers, web app scanners, etc. examine it, too?**
- **Should we add binaries?**
- **Should we focus on dead-lock, threading, concurrency, or race detection?**
- **Is it time to change to SAFES and CCR?**
- **Keep detail results private so more tool makers participate?**

# Announcement

Take one bundle of green, yellow, and red slips for “straw polls” during discussions.

