

# Sharing Expertise and Artifacts for Reuse through Cybersecurity Community Hub (SEARCCH)

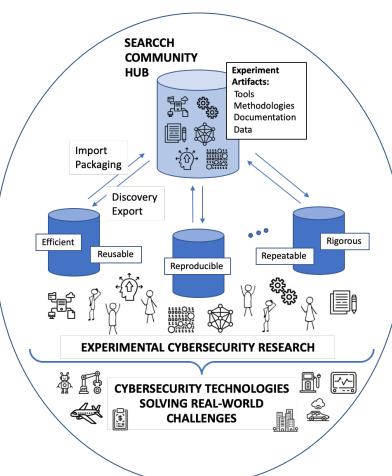


## **Challenge:**

Ad hoc cybersecurity experimentation, lack of repeatable, reproducible, and reusable experiment artifacts

#### **Solution:**

Establish collaborative community platform for artifact sharing and reuse Tools for artifact import, packaging, discovery, export, and design



## **Scientific Impact:**

Advance the knowledge, understanding, rigor, and practice of experimental cybersecurity research across CISE disciplines

### **Broader Impact:**

Enable new cybersecurity research and innovation

Lower the barrier to underrepresented communities

Seven metrics increasing over three years – contribution, adoption, publication, results

CNS-1925773, USC-ISI, Terry Benzel, <a href="mailto:tbenzel@isi.edu">tbenzel@isi.edu</a> and Jelena Mirkovic <a href="mailto:mirkovic@isi.edu">mirkovic@isi.edu</a> CNS-1925616, SRI, Laura Tinnel <a href="mailto:laura.tinnel@sri.com">laura.tinnel@sri.com</a> and David Balenson <a href="mailto:david.balenson@sri.com">david.balenson@sri.com</a> CNS-1925588, UIUC, Timothy Yardley, <a href="mailto:yardley@illinois.edu">yardley@illinois.edu</a> CNS-1925564, U. Idaho. Eric Eide eeide@cs.utah.edu