Cybersecurity Artifacts Competition and Impact Awards

Cybersecurity Artifacts Competition and Impact Award

- New initiative (since ACSAC 2022) 

- Competition Objectives:
  - Further promote reproducibility of cybersecurity research results
  - Acknowledge efforts of authors who contribute to real-world deployment/use of novel and reliable security solutions
  - Award artifacts that have had a **significant impact on cybersecurity research and applications**
  - Submissions open to cybersecurity artifacts **previously published in peer-reviewed venues** (conferences, journals), both in academia and industry (not only ACSAC)

Cybersecurity Artifacts Competition and Impact Award

- Co-Chairs:
  - Guofei Gu chair, Texas A&M University
  - Roberto Perdisci, University of Georgia
  - Martina Lindorfer, TU Wien

- Committee Members:
  - David Balenson, USC Information Sciences Institute
  - Gabriela Ciocarlie, The University of Texas at San Antonio
  - Gianluca Stringhini, Boston University
  - Phillip Porras, SRI
  - Jelena Mirkovic, USC Information Sciences Institute
  - Leigh Metcalf, CERT
  - Juan Caballero, IMDEA

Artifacts Competition Finalists

- 4 Finalists - Impact Award(s) will be announced on **Thursday 9-10am**
  - **SGX-Step: An Open-Source Framework for Precise Dissection and Practical Exploitation of Intel SGX Enclaves**
  - **DeterLab Testbed for Cybersecurity Experimentation**
  - **angr: A Powerful and User-friendly Binary Analysis Platform**
  - **Zipr: A High-Impact, Robust, Open-source, Multi-platform, Static Binary Rewriter**

ACSAC 2023

39th Annual Computer Security Applications Conference

CYBERSECURITY ARTIFACTS IMPACT AWARD

1st Place

December 4-8, 2023

angr: A Powerful and User-friendly Binary Analysis Platform

Yan Shoshitaishvili, Ruoyu Wang, Audrey Dutcher, Christopher Kruegel, and Giovanni Vigna

Guofei Gu

GUOFEI GU
GENERAL CHAIR

Roberto Perdisci

ROBERTO PERDISCI
PC CHAIR

ACSAC 2023

39th Annual Computer Security Applications Conference

CYBERSECURITY ARTIFACTS IMPACT AWARD

2nd Place

December 4-8, 2023

SGX-Step: An Open-Source Framework for Precise Dissection and Practical Exploitation of Intel SGX Enclaves

Jo Van Bulck and Frank Piessens

Guofei Gu

GUOFEI GU
GENERAL CHAIR

Roberto Perdisci

ROBERTO PERDISCI
PC CHAIR