

NSF FUNDED C3E CHALLENGE PROBLEM OPPORTUNITY

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Co-PIs

16 NOVEMBER 2021

Science of Security Lablet Quarterly Meeting
November 15-16, 2021 | Hosted by The Kansas State University

Science of Security



CHALLENGE PROBLEM PROCESS

- **SCORE (SPECIAL CYBER OPERATIONS RESEARCH AND ENGINEERING) SPONSORS A YEARLY COMPUTATIONAL CYBERSECURITY IN COMPROMISED ENVIRONMENTS (C3E) WORKSHOP**
- **C3E WORKSHOPS HAVE HAD 7 FOLLOW-UP CHALLENGE PROBLEMS (CP)**
- **CURRENT CP HAS FUNDING BY AN NSF 2-YEAR GRANT**
- **OFFERED INDIVIDUAL HONORARIUMS OF \$2500-\$10K FOR RESEARCH ON RELEVANT TOPICS RELATED TO THE C3E 2020 AND 2019 EVENT**

PROPOSAL PEER REVIEW

- **DID A SOLICITATION TO 145+ RECENT PARTICIPANTS OF C3E 2020**
- **RECEIVED 11 PROPOSALS**
- **ASSEMBLED A REVIEW PANEL FOR THE PROPOSALS**
- **FUNDED 10 RESEARCHERS WITH INDIVIDUAL HONORARIUMS THROUGH THE NSF GRANT**
- **OUTCOMES:**
 - **POSTER**
 - **VIDEO PRESENTATION (10 MINUTES) AT C3E 2021**
 - **PAPER SUITABLE FOR A PEER REVIEWED TECHNICAL JOURNAL**

2022 CHALLENGE PROBLEM OPTIONS

- SUPPLY CHAIN SOFTWARE STATIC ANALYSIS COVERAGE
- ARTIFICIAL INTELLIGENCE APPLIED TO THE SUPPLY CHAIN CYBERSECURITY
- COMPUTATIONAL VICTIMOLOGY FOR DEVELOPING RISK MODELS FOR SUPPLY CHAIN CYBERSECURITY
- **NOTE: 2021 C3E WORKSHOP THEME WAS "ISSUES IN SECURING THE SUPPLY CHAIN" WITH PARTICULAR EMPHASIS ON SOFTWARE**

OPPORTUNITY KNOCKS!

- VISIT THE C3E CHALLENGE PROBLEM WEBSITE ON THE CPS-VO.ORG PORTAL FOR MORE DETAILS
 - [HTTPS://CPS-VO.ORG/GROUP/C3E/CHALLENGE](https://CPS-VO.ORG/GROUP/C3E/CHALLENGE)
- CONTACT THE PIs
 - DGOFF@CYBERPACKVENTURES.COM
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- SUBMIT A 3-5 PAGE PROPOSAL BY 15 DECEMBER 2021

CHALLENGE PROBLEM 2022

QUESTIONS?