Welcome to ACSAC 38!!

https://www.acsac.org/
• Guofei Gu, Conference Chair
  Administrative Announcements

• Gabriela Ciocarlie & Roberto Perdisci, Program Co-Chairs
  Technical Program and Distinguished Paper Awards

• Jeremy Epstein, NSF
  SWSIS Scholarship Presentations

• Suman Jana, Distinguished Practitioner Keynote
About ACSAC

- Core mission: Investigate practical solutions for computer and network security technology
- A broad cross-section of security professionals drawn from academia, industry, and government
- Fun fact: ACSAC is among the oldest computer security conferences! (strong tradition)
  - ACSAC started from 1985
  - ACM CCS started from 1993
  - USENIX Security started from 1988
  - NDSS started from 1994
  - IEEE S&P started from 1980
Program At-a-Glance (Wednesday)

- Breakfast
- Welcome and Awards
- Distinguished Practitioner Keynote
- Break
- Multi-track Sessions
- Lunch
- Multi-track Sessions
- Break
- Multi-track Sessions
- Conference Dinner w/ Entertainment
Program At-a-Glance (Thursday)

- Breakfast
- Test of Time Paper Awards
- Cybersecurity Artifacts Impact Awards and Presentations
- Break
- Multi-track Sessions
- Lunch
- Multi-track Sessions
- Break
- Multi-track Sessions
- Future of ACSAC – Open Community Discussion
- Poster & Work in Progress Session w/ Light Refreshments
Program At-a-Glance (Friday)

- Breakfast
- Multi-track Sessions
- Break
- Multi-track Sessions
- Closing with Prize Giveaway

- Optional Social Even
  - Wonderspaces
Panels & National Interest Track

Wednesday

● NITRD Panel: Toward High-Integrity Information Ecosystems: Goals for Research
● Panel: Moving Diversity Beyond Race and Gender: Non-Traditional Dimensions of Diversity

Thursday

● Panel: On the Curation of Artifacts in the Era of AI/ML for Cybersecurity
● Panel: National Cybersecurity Research Directions

Friday

● Panel: Balancing Trustworthiness with Rapid Development
Case Studies

Wednesday

- Top-Down Continuous Policy Compliance, Sergio Pozo-Hidalgo, VMware
- Gaining Assurance in Commodities within Trustworthy Systems, Ian Bryant, University of Warwick

Thursday

- Applying MITRE’s System of Trust to the Software Supply Chain, Robert Martin, MITRE
- Shifting Left the Right Way with OSCAL (Open Security Controls Assessment Language), Michaela Iorga, Nikita Wootten, and Alexander Stein, NIST ITL Computer Security Division
- Automated Generation of Yara Classifiers for Malware, Arun Lakhotia, University of Louisiana at Lafayette and CTO & Co Founder of Cythereal
Thank You to our Sponsors!!

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Test of Time Paper Awards

- Recognize and honor selected papers from the first 20+ years (1985-2006) that have had a significant impact
  - Led to a major change in the field
  - Are used commercially
  - Have been well cited
  - Are well known as strong papers

https://www.wabisablearning.com/blog/13-educational-tools-test-time
Cybersecurity Artifacts Competition and Impact Awards

- **Importance of Cybersecurity Artifacts**
- **This year we introduce a new Artifacts Competition**
  - Broadly open to cybersecurity artifacts previously published in all peer-reviewed venues (conferences, journals), both in academia and industry.

- **Example of “Impact”**
  - The artifact has been reused and cited in subsequent research publications presented in academic or industry venues.
  - The artifact has been released as open-source software and has received demonstrable appreciation by the security community (e.g., in the form of "stars," "forks," or other types of citations).
  - The artifact has been successfully transitioned to a commercial technology.
  - The artifact consists of an online service that is open to the public or to researchers and demonstrates a significant number of users benefiting from it.
  - The artifact has become a de facto benchmark for one or more use cases.
Optional Social Outing - Wonderspaces

- Join us for an excursion to the Austin Wonderspace (https://austin.wonderspaces.com), an immersive and interactive art space with many exhibitions and gathering spaces.
- Friday, Dec. 9
- Check at REGISTRATION DESK if interested
- Cost: $85
  - Admission
  - Transportation to/from the hotel
  - Box Lunch
Mobile Program

https://www.openconf.org/ac sac2022/mobile
Conference Proceedings

- Via ACM Digital Library
  
  https://dl.acm.org/doi/proceedings/
  10.1145/3564625

- Via ACSAC website
  
  https://www.acsac.org/2022/
  program/papers/
Organizing Committee

- **Conference Chair**
  Guofei Gu, Texas A&M University

- **Program Chair**
  Gabriela Ciocarlie, The University of Texas at San Antonio

- **Program Co-Chair**
  Roberto Perdisci, University of Georgia and Georgia Tech

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  Martina Lindorfer, TU Wien
  Gianluca Stringhini, Boston University

- **Case Studies Chair**
  Dennis Moreau, Intel

- **National Interest Track Chair**
  Tomas Vagoun, NITRD

- **Panels Chair**
  Daniel Faigin, Aerospace Corporation
  Beth Scruggs, Aerospace Corporation

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  Vinod Yegneswaran, SRI International

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  David Balenson, USC Information Sciences Institute

- **Web Advisor**
  Robert 'H'obbes' Zakon, Zakon Group
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○ https://www.facebook.com/groups/acsacattendees/

LinkedIn
○ https://www.linkedin.com/in/acsac-chair/
Program Chair Opening Remarks
SWSIS Awards
Distinguished Practitioner Keynote

Automated Data-driven Binary Analysis for Security
Suman Jana
Associate Professor,
Department of Computer Science and the Data Science Institute,
Columbia University
Enjoy the conference!