

CALL FOR PAPERS

National Cyber Summit (NCS '17)

June 7-8, 2017

Von Braun Center, Huntsville, AL

Research Track

This is a call for “original” short papers documenting cybersecurity research. Unpublished papers of length 4-6 pages are solicited. Cybersecurity is a multidisciplinary field including information security, fraud examination, forensic science, military science, management science, systems engineering, security engineering, criminology, computer science, and others. The National Cyber Summit Research Track solicits research papers in the following areas (non-exclusive list):

- Industrial Control System Security
- Network Security
- Database Security
- Digital Forensics
- Secure Architectures
- Societal Impacts/Ethics
- Securing the Internet of Things
- Interplay of technical and non-technical issues in cybersecurity
- Supply chain cybersecurity research
- Cybersecurity standards and guidelines
- Case studies in cybersecurity
- CISO challenges/governance
- Cybersecurity trends
- Cybersecurity and diversity
- Cyber operations
- Data mining for cybersecurity
- Systems engineering for cybersecurity
- Risk management
- Design of secure systems
- Cloud computing
- Malware reverse engineering
- Intrusion and malware detection
- Cryptography, trusted systems
- Provenance
- Cyber-operations
- Response and recovery
- Cybersecurity curriculum design
- Cybersecurity competitions – e.g., design, results, objectives, structure
- Emerging needs for cybersecurity curriculum
- Innovative approaches to faculty development and capacity building

The National Cyber Summit: The National Cyber Summit is a multi-track cyber security event held annually with an expectation of about 1500 participants and more than 60 exhibitors. The event features tracks dedicated to technical, organizational, and research

topics to address the entire cyber threat landscape. Additional information is available at the summit's website: <http://www.nationalcybersummit.com/>

The NCS is held in Huntsville, AL. Huntsville is home to the Army's Redstone Arsenal and NASA's Marshall Space Flight Center. Army Material Command (AMC) is headquartered at Redstone Army Arsenal as well as the Army Aviation and Missile Research Development and Engineering Center, Missile Defense Agency, Army Space & Missile Defense Command/Army Forces Strategic Command, PEO Aviation and various other government organizations having a strong interest in cybersecurity. Huntsville is also home to the second largest research park in the nation where approximately 400 companies conduct business. This Cyber Security Summit offers an ideal venue for networking with government, industry, and Department of Defense attendees.

Requirements for paper submission.

Papers should be 4 to 6 pages and formatted in accordance with the ACM template found at www.acm.org/sigs/publications/pubform.doc. All papers will be refereed. Submissions should be uploaded to <https://easychair.org/conferences/?conf=ncs17>. Accepted papers will be published in conference proceedings. Submissions should be received not later than March 15, 2017. Notices of acceptance will be provided not later than April 22, 2017.

Please address all questions to Dr. Tommy Morris, Director, Center for Cybersecurity Research and Education, The University of Alabama in Huntsville, 256-824-6576 or tommy.morris@uah.edu.

NCS Research Track Steering Committee:

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