



Call For Participation

The 14th Central Area Networking and Security Workshop (CANSec)

The CANSec workshop brings together researchers and practitioners in security and networking related fields in the central area of the US. It was originally named KanSec (for Greater Kansas Area Security Workshop), and later changed to CANSec as the workshop expanded well beyond the Kansas area. Since spring of 2012, the workshop has attracted attendees from Kansas, Missouri, Colorado, Arkansas, Oklahoma, Nebraska, etc. We have also invited guest speakers from Texas, Indiana, Colorado, South Carolina, Virginia, etc.

The goal of the CANSec workshop is to provide a regular forum for presenting research and education activities in all areas related to computer security and networking, as well as promoting interactions and collaborations among scholars and students and between academia and industry.

The 14th CANSec workshop will be hosted by the **University of Missouri - Columbia on November 13-14, 2021**. It will be a **one-day workshop** plus a **one-day cyber-defense competition**. The workshop includes invited talks, research presentations, industrial panels, and poster sessions. There will be no printed proceedings. We would like to invite researchers, engineers, educators, and students to join us in the sixth event of the series.

We seek submissions presenting research and education activities on all practical and theoretical aspects of networking and security. Topics of interest include, but are not limited to:

- Anonymity
- Access control
- Cryptography
- Cybersecurity experimentation
- Cyber-physical systems security
- Database security
- Information Assurance education
- Intrusion detection and prevention
- Legal and policy aspects of cybersecurity
- Privacy
- Risk management
- Security for cyber-physical systems
- Security for mobile computing platforms
- Security metrics
- Systems security

- Usable security
- Web security
- Cognitive radio networks
- Data Center Networking
- Delay/Disruption Tolerant Networks
- Future Internet
- Information-Centric Networking
- Internet of Things
- Network monitoring
- Network security
- Online/Mobile Social Networks
- P2P, overlay, and content distribution networks
- Resilient and Survivable Networking
- Smart Grid Communications
- Software-defined network
- Urban Sensing, Environmental Monitoring, and Underwater Networks
- Wireless, Mobile, Ad-Hoc, and Sensor Networks
- Vehicular Networks

Submissions: For oral and poster presentations, please submit a one-page abstract to **cansecworkshop2021@gmail.com** using the form at <https://git.io/JuBvc> by **October 15**. Notifications of accepted presentations will be sent out by **October 29**.

Ph.D. Forum

We are organizing a PhD Forum for PhD students to present their research work. Each participant in the PhD Forum will perform a 5-minute oral presentation to introduce their work. Please submit a one-page abstract to **cansecworkshop2021@gmail.com** using the form at <https://git.io/JuBvc> by **October 27**. Notifications of accepted presentations will be sent out by **November 2**.

Cyber-Defense Competition

The goal of the competition is to provide students with a platform to apply theoretical knowledge into practice, and to obtain hands-on cyber security experiences. It is a one-day competition, in which student teams will be asked to oversee a small corporate network, to manage all critical services, and to defend against external attacks. Scoring will be primarily based on the availability of the services, and how the attacks and injects are handled.

© Copyright 2012-2021, The Central Area Networking and Security Workshop - All rights reserved.

Disclaimer: Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.