20 January 2022

IDS performance in constrained environments (1:00 – 1:50 pm EST)

Security Protection and Quality Control in Crowdsourcing (2:00 – 2:50 pm EST)

Mark your calendars and come join your friends in the CAE community for a Tech Talk. CAE Tech Talks are free and conducted live in real-time over the Internet so no travel is required. Capitol Technology University (CTU) hosts the presentations using Zoom which employs slides, VOIP, and chat for live interaction. Just log in as "Guest" and enjoy the presentation(s).

Below is a description of the presentations and logistics of attendance:

PRESENTATION #1

Topic: IDS performance in constrained environments

Time: 1:00pm – 1:50 pm EST

Location: https://captechu.zoom.us/j/664120328

Just log in as "Guest" and enter your name. No password required.

Presenter(s): Dr. Shelton Wright, The University of Alabama, Huntsville

Description: This topic covers the performance of an open-source IDS in constrained hardware environments. Minimal hardware configurations are evaluated to determine the resources needed for the IDS to function properly. This allows for a minimum hardware definition for use in limited resource environments such as embedded systems, SCADA systems, and IoT devices.

PRESENTATION #2

Topic: Security Protection and Quality Control in Crowdsourcing

Time: 2:00pm – 2:50 pm EST

Location: https://captechu.zoom.us/j/664120328

Just log in as "Guest" and enter your name. No password required.

Presenter(s): Weiping Pei and Dr. Chuan Yue, Colorado School of Mines

Description: Crowdsourcing is booming in recent years due to the significant need of labeling data for AI models and applications, but many security and privacy problems correspondingly arise. We are actively researching this important topic and would like to share our latest research results with the CAE community

CAE Tech Talks are recorded; view them here: https://www.caecommunity.org/resources/cae-tech-talk-resources

For questions on CAE Tech Talk, please send email to CAETechTalk@nsa.gov