Wednesday, December 7, 2022

Improving Cybersecurity by Addressing Cognitive Biases (2:00 – 2:50 pm EST)

Mark your calendar and come join us for CAE Forum! CAE Forum is a live, real-time, online, academic forum where members of the CAE community give non-technical presentations on topics of value to the CAE community. CAE Forum is about sharing your ideas, knowledge, and expertise to empower and strengthen our community. It's that simple. CAE Forum presentations are normally held on the first Wednesday of each month during the Fall and Spring semesters.

PRESENTATION #1

Title/Topic: Improving Cybersecurity by Addressing Cognitive Biases

Time: 2:00 - 2:50 pm EST

Location: https://caecommunity.zoom.us/j/83488759886

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

Audience: Students, Professors, Govt.

Presenter(s): Bilge Karabacak PH.D., Franklin University

Description: Cognitive biases are an intrinsic human property that helps us make quick decisions in our complex lives. Cognitive biases have gained popularity among computer scientists and cybersecurity experts in recent years as the research shows a connection between human negligence and cognitive biases. In this presentation, the presenter will share findings of the literature review and exploratory research on the effects of cognitive biases in cybersecurity decision-making. Some of these findings are (1) Why do cognitive biases matter in cybersecurity? (2) the different approaches of academia and industry to the problem, (3) the most frequently mentioned cognitive biases in cybersecurity literature, and (4) ideas and recommendations to address cognitive biases in cybersecurity capacity-building activities.

A recording of the live presentation will be available following the pre of the presentation at:
https://www.caecommunity.org/resources/cae-forum-resources

Contact us at: caeforum@caecommunity.org