



CAE Tech Talk



National Centers of Academic Excellence

17 October 2019

Malware Analysis Using Machine Learning (1:00 – 1:50pm 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.

Topic: Malware analysis using machine learning

Time: 1:00pm – 1:50pm EST

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

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

Presenter(s): Anshumando Singh, Tennessee Tech

Description: Malware analysis typically involves disassembling and debugging with both requiring significant manual effort. Machine learning can be employed to automate analysis for certain classes of malware. This talk would introduce sample preprocessing, feature generation, model construction, and classification in the context of malware analysis.

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

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