Cybersecurity Competitions and their Role in Cybersecurity Education.

Security competitions are sprouting all over as a means of teaching students, finding talent, and having fun. There are many varieties of competitions, including those focused on offense, defense, and both.

This workshop will discuss types of competitions and lessons learned, including the National Collegiate Cyber Defense Competition, the CyberPatriot National High School Cyber Defense Competition, and virtual competitions. This audience will participate in the discussion on the following topics. What makes a good contest? Why do people participate in the contests? Are we training our future defenders or our enemies?

Can competitions be used to reach out beyond the usual population interested in security issues? Can we grow a sport around competitions?

Several demonstrations and presentations from the former participants is also planned.