

National Virtual Lab for Cybersecurity Education.

This session will focus on the continued development of a National Virtual Computer Security Lab Infrastructure designed to support resource sharing and promote curriculum/lab exercise distribution and collaboration. It will begin with a brief review of the current groups and projects working in this area, but will focus on the current needs at the level of infrastructure deployment and management, instructor and user support, outreach to interested user communities, and development and distribution of content. The demonstrations will include several different lab environments that students use to practice skills such as Digital Forensics, CNSS 4011, Ethical Hacking as well as a live demonstration of several competition environments. The immediate outcome will be a high-level work plan for continuing efforts in this important area.